



भारत का राजपत्र

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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Calcutta, the 10th October 1998

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Telegraphic address "PATENTOFIC"

1—277 GI/98

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Telegraphic address "PATENTOFIS".

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Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Telegraphic address "PATENTIS"

Rest of India.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

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कलकत्ता, दिनांक 10 अक्टूबर 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जेल के आधार पर निम्न रूप में वर्गीकृत हैं :—

पेटेंट कार्यालय शाखा, टाईपी इस्टेट,
मीमा नगर जोर परले (प.),
मुम्बई-400 013.

गजराज मटाराष्ट्र, मध्य प्रदेश
तथा गुजरात राज्य क्षेत्र एवं संघ
शासित क्षेत्र समेत तथा दीव एवं
दादर और नगर हवेली।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्री एवं संघ शासित क्षेत्र लखनऊ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
विंग सी (सी-4, ए)
तीसरा तल, राजाजी भवन बसन्त नगर,
चेन्नई-600090।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिदिवि द्वीप।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

तार पता - "पेटेंट्स"

भारत का अक्षांश क्षेत्र।

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीकृत सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
ड्राफ्ट आवेदन या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसंधित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
बैंक द्वारा की जा सकती है।

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE
ROAD, CALCUTTA-700 020.

The dates shown in the crecent bracket are the dates
claimed under section 135, under Patent Act, 1970.

06-8-1998

1403/Cal/98. Tachyon, Inc., "A distributed system and
method for prefetching objects". (Convention No.
06/054,847 filed on 6-8-1997 in U.S.A.).

1404/Cal/98 Philips Electronics N.V., "Apparatus for record-
ing a digital signal in a first track part of tracks
on a magnetic record carrier". (Divided out of
No. 869/Cal/91 on 20-11-91).

1405/Cal/98 Canal + Societe Anonyme. "Interactive Gam-
ing system". (Convention No. 98/00285.7 on
9-2-98 in France).

1406/Cal/98. W. L. Gore & Associates GMBH, "Electrical
Signal Cable Assembly". (Convention No.
97/116396.9 on 19-9-1997 in Germany)

1407/Cal/98 Canal + Societe Anonyme, "Apparatus for en-
crypted communication of control word". (Con-
vention No. 97/402322.8 on 2-10-97 in France).

1408/Cal/98. Dr. Manjit Kaur Sharma, "Synergistic red blood
corpuscle (RBC) aggregating tonic solutions with
a long sheif life for determining osmotic fragility
of red cells in microtitre plate wells". (Divided out
of No. 2026/Del/97 on 23-10-97).

1409/Cal/98. Spotless Plastics Pty. Ltd., "Side indicator han-
gers and method and apparatus for removing in-
dicators from hangers".

1410/Cal/98. Innotech, Inc. & Virginia Tech Intellectual Pro-
perties, Inc., "Optic devices formed from melt
processable thermoplastic materials having a high
refractive index". (Convention No. 08/912,117
filed on 15-8-97 in U.S.A.).

1411/Cal/98. Fumihide Haba, "Generators and Motors".

1412/Cal/98. MCNEIL-PPC, Inc., "Air permeable liquid
impermeable barrier structures and products made
therefrom". (Convention No. 08/917,987 filed on
25-8-97 in U.S.A.).

APPLICATIONS FOR PATENTS FILED IN THE
PATENT OFFICE BRANCH, AT TODI ESTATES, IIIRD
FLOOR, SUN MILI. COMPOUND, LOWER PAREL (W)
MUMBAI-13.

02-6-1997

- 334/Bom/1997. Hindustan Lever Ltd. Improved detergent composition for fabric washing.
- 335/Bom/1997. Raghunandan Narayanrao Mangalwedhekar. Electronic calendar clock diary.
- 336/Bom/1997. Prabhakar Deodhar. Telephone circuit
- 337/Bom/1997. Swapan Manilal Shah. A machine for polishing the edges of flat planar elements.
- 338/Bom/1997. Swapan Manilal Shah. A machine for surface finishing the edges of flat planar elements.

4-6-1997

- 339/Bom/1997. Bajaj Auto Ltd. Improvement cross for gear shifting.
- 340/Bom/1997. Bajaj Auto Ltd. New air filter system for scooters having monoque chassis.

5-6-1997

- 341/Bom/1997. Patel Arvindbhai Ranchodbhai. Natural watercooler cum air cooler.
- 342/Bom/1997. Anirudh Shivprasad Bhagat & Shakuntala Anirudh Bhagat. A prefabricated prestressed structural module/system or superstructures of bridges or the like and the method of manufacturing the same.
- 343/Bom/1997. Bajaj Auto Ltd. Cam lubrication system for petrol engine working on 4 stroke principle.

6-6-1997

- 344/Bom/1997. M. R. Bhoir. Electronic two/three wheeler vehicle security system.
- 345/Bom/1997. Satish Damodar Tanksale. Multiple screen rotary filters for separating solids contained in fluid medium.
- 346/Bom/1997. Hindustan Lever Ltd. An enzymatic detergent composition.

9-6-1997

- 347/Bom/1997. Aihant Jain. A staple pin remover.
- 348/Bom/1997. Hindustan Lever Ltd. Antiperspirant composition. (U.K. Priority dt. 14-6-96)
- 349/Bom/1997. Hindustan Lever Ltd. Enzymatic esterification process.
- 350/Bom/1997. University of Pune. A process and instrument for moisture measurement.

10-6-1997

- 351/Bom/1997. Satish Damodar Tanksale. An improved plant for separating solids and liquids existing in a mixed format.

12-6-1997

- 352/Bom/1997. Mohan Keshav Phadke & Satyawrat Swamirao Ponkshe. A device to arrest backward movement of ascending and/or stationary vehicles.
- 353/Bom/1997. Hindustan Lever Ltd. A method for the preparation of crystoballite. (U.K. Priority dt. 27-11-92).
- 354/Bom/1997. Sanye Electric Co. Ltd. Power-Supply system involving system inter-connection. (Japan Priority dt. 24-6-96).

13-6-1997

- 355/Bom/1997. Dr. Ramesh Tribhuvandas Doshi. A novel system of garbage collection and disposal through in situ composting.

16-6-1997

- 356/Bom/1997. North star Ics equipment company India Pvt. Ltd. A device for making flake ICE.
- 357/Bom/1997. Shri Dhanraj Shamraji Jalit. Jalit's Turbo-Rambout.
- 358/Bom/1997. Vipin Champsey Shah. An improved air cooler.

17-6-1997

- 359/Bom/1997. Anand Swaroop Mahajan. A new technique for wiping the rolling oil from surface of strip under cold rolling.

18-6-1997

- 360/Bom/1997. Weco Armaturen GmbH. A slide valve with monoblock casing (Germany priority dt. 4-7-96).
- 361/Bom/1997. Intech exports Pvt Ltd. Improved jigs for hanging articles in paint and/or powder coating plant.

19-6-1997

- 362/Bom/1997. Hindustan Lever Ltd. Self-Taner Cosmetic Compositions. (USA Priority dt. 28-6-96).
- 363/Bom/1997. Hindustan Lever Ltd. Soap Bar Composition. (Brazil Priority dt. 26-6-96).
- 364/Bom/1997. Hindustan Lever Ltd. Anhydrous Cosmetic Compositions (USA Priority dt. 28-6-96).
- 365/Bom/1997. Hindustan Lever Ltd. Powdered Cosmetic Compositions containing silicones elastomers. (USA Priority dt. 28-6-96).
- 366/Bom/1997. Hindustan Lever Ltd. Cosmetic Composition. (UK Priorities dt. 20-6-96, 23-12-96 & 23-12-96).
- 367/Bom/1997. Hindustan Lever Ltd. Improvements relating to bleaching compositions. (Brazil Priority dt. 20-6-96).
- 368/Bom/1997. Anup Kharbanda. Process for manufacturing pouch/casing for football and like game sports.
- 369/Bom/1997. Lavipharm S.A. Device for topical treatment of acne and its method of manufacture. (Greece Priority dt. 20-6-96).

20-6-1997

- 370/Bom/1997. Indian Institute of technology and others. A process for the preparation of granulated non-living biomass of the fungus *Rhizopus* species for sorption of toxic trace and heavy metals and organic chemicals from effluents.
- 371/Bom/1997. Indian Institute of technology and others. A process for sorption of toxic trace and heavy metals and organic chemicals from effluents using granulated non-living biomass of the fungus *Rhizopus* species.
- 372/Bom/1997. Bajaj Auto Ltd. Improvement in reverse gear shift control system of handlebar steered 3-Wheeler vehicles.

23-06-97

- 373/Bom/1997. Hindustan Lever Limited. Improved process for producing flour.

24-06-97

- 374/Bom/1997. Mr. Ravikiran Raghunath Desai & Mr. Chandrakant B. Navalkar. Screw & Wedge combination rock-splitter.

25-06-97

- 375/Bom/1997. Babubhai Kantilal Doshi. An improved D-shape cartridge heater.
- 376/Bom/1997. Hindustan Lever Limited. Improvements relating to antimicrobial cleaning compositions. (U. K. Priority dt. 3-7-96).
- 377/Bom/1997. Hindustan lever limited. Detergent Compositions.
- 378/Bom/1997. Hindustan lever limited. Underarm Composition. (US Priority dt. 28-6-96 & G. B. Priorities dt. 30-10-96 & 30-10-96).
- 379/Bom/1997. Hindustan lever limited. Detergent Composition. (U K Priority dt. 1-7-96).

27-06-97

- 380/Bom/1997. Vishnu Gangadhar Godese. A washing machine for cleaning components in engineering industry.
- 381/Bom/1997. China Petrochemical Corporation and Research Institute of Petroleum Processing, SINOPEC. A distillate hydro-cracking catalyst and a process for the preparation of the same.
- 382/Bom/1997. China Petrochemical Corporation and Research Institute of Petroleum Processing, SINOPEC. A distillate hydrofining catalyst and a process for the preparation as the same.
- 383/Bom/1997. China Petrochemical Corporation and Research Institute of Petroleum Processing, SINOPEC. A process for hydro-cracking heavy distillate oil under middle pressure.

30-06-97

- 384/Bom/1997. Hindustan Lever limited. Skin lightening composition.
- 385/Bom/1997. Mr. V. Y. Sheth, Mr. M. T. Sheth & Mr. B. T. Sheth. Desk Lamp.
- 386/Bom/1997. Joist Co. Limited. Concrete-made panel and method of fabricating the same. (Japan priority dt. 12-7-96).
- 387/Bom/1997. Dr. Anand Keshav Soman. A method and device for encryption and decryption of speech signals in a speech communication system.
- 388/Bom/1997. M/s. Four Eyes Research (P) Limited. A process for making sugar without using industrial chemicals.

1-7-1997

- 389/Bom/97. Amal Bhupendra Shah. An improved method for feeding powder to a powder device.
- 390/Bom/97. Anurag Vipin Shah. A multi-purpose washing machine.

2-7-1997

- 391/Bom/97. Hindustan Lever Ltd. Enhanced processing of synthetic bar compositions comprising emphotics based on minimal levels of fatty acid soap and minimum ratios of saturated to unsaturated soap. (USA priority dt. 11-7-96).
- 392/Bom/97. Ravindra Keshav Joshi. Injection stretch blow process by linear system.
- 393/Bom/97. Chr. Mayr GmbH & Co. KG. An electro-magnetically releasable friction safety brake. (Germany priority dt. 5-7-96).
- 394/Bom/97. Ems-Invents, AG. Weather-Resistant polyamides and method of their production. (Germany priority dt. 27-5-97).
- 395/Bom/97. The Ensign-Bickford Company. Fissile Shock Tube and method of making the same. (USA priority dt. 11-7-96).

3-7-1997

- 396/Bom/97. Ufull Ramachandra Dabir. Improved Dry Cell Torch Body.
- 397/Bom/97. Mr. Dilip Champaklal Sanghavi & Others. An improved device for measuring dose & discharge solid material.
- 398/Bom/97. Mr. Dilip Champaklal Sanghavi & Others. An improved device for measuring and packing fixed dose of solid material.

4-7-1997

- 399/Bom/97. Rahul Vijaykumar Khopkar. Energy/Fluids/Sustances applicator/injector.
- 400/Bom/97. Mr. Elias Marshal D'Souza & Mr. Richard. A device for storing and dispensing liquid into a trough.
- 401/Bom/97. Mr. Elias Marshal D'Souza & Mr. Richard. An improved power winch for poultry feeding system.
- 402/Bom/97. Mr. Elias Marshal D'Souza & Mr. Richard. A device for storing and feeding poultry feeds for use in feeding poultry.
- 403/Bom/97. Faiyaz Muhammed Pasha, Arslan (Approximate regular straight line automated network) Traffic Management Techniques.

7-7-1997

- 404/Bom/97. Mrs. Mamta Marcus C/o. Shri E. S. Marcus. Detector of accident prone rolling stocks of railways.
- 405/Bom/97. Mr. Elias Marshal D'Souza, Mr. Richard Marshal D'Souza. An improved lifting and lowering device for drinking lines used in feeding poultry.
- 406/Bom/97. Mr. Elias Marshal D'Souza, Mr. Richard Marshal D'Souza. A device for storing and dispensing liquid for use in feeding poultry.
- 407/Bom/97. Mr. Elias Marshal D'Souza, Mr. Richard Marshal D'Souza. An improved winch for poultry curtain.
- 408/Bom/97. Hiteshbai Bipin chandra Shah. New File.

9-7-1997

- 409/Bom/97. Coatex S. A. Method of obtaining water-soluble polymers obtained and their uses. (France Priority dt. 19-7-96).
- 410/Bom/97. Tukaram Mugutrao Karne. An improved saturated steam-water separating purifying and drying device.

10-7-1997

- 411/Bom/97. Hindustan Lever Ltd. A composition containing primary alkyl sulphuric acid. (G. B. Priority dt. 14-12-92).
- 412/Bom/97. Hindustan Lever Ltd. Packets and their manufacture.
- 413/Bom/97. Department of Atomic Energy, Govt. of India. A hydrogen sensor for measurement of diffusible hydrogen in weldment.

11-7-1997

- 414/Bom/97. Mr. Raju Gopalrao Khadgi. Plastic lock for Refrigerator.

15-7-1997

- 415/Bom/97. Rahul Vijaykumar Khopkar. (Energy/fluids/ substances) (Applicator/Injector/Tool/Contraction/Device / Machine / Concentrator / Focussed. R/Extractor) Friction/Turbulence Reduction arrangement.
- 416/Bom/97. Rahul Vijaykumar Khopkar. Turbulence/Friction Reduction arrangement.
- 417/Bom/97. M/s. Synit Drugs Pvt. Ltd. An improved process for manufacture of the extract obtained from Ayurvedic Medicinal Plant, Viz. Nagarmustaka.
- 418/Bom/97. M/s. Synit Drugs Pvt. Ltd. An improved process for manufacture of the extract obtained from Ayurvedic medicinal plant, Viz. Marich.
- 419/Bom/97. M/s. Synit Drugs Pvt. Ltd. An improved process for manufacture of the extract obtained from Ayurvedic medicinal plant, Viz. Akarakarava.
- 420/Bom/97. M/s. Synit Drugs Pvt. Ltd. An improved process for manufacture of the extract obtained from Ayurvedic medicinal plant, Viz. Tulsi.
- 21/Bom/97. M/s. Synit Drugs Pvt. Ltd. An improved process for manufacture of the extract obtained from Ayurvedic medicinal plant, viz. Khatatiktta.
- 422/Bom/97. M/s. Synit Drugs Pvt. Ltd. An improved process for manufacture of the extract obtained from Ayurvedic medicinal plant, viz. Mandookaparni.
- 423/Bom/97. M/s. Synit Drugs Pvt. Ltd. An improved process for manufacture of the extract obtained from Ayurvedic medicinal plant viz. Guduchi.
- 424/Bom/97. M/s. Synit Drugs Pvt. Ltd. An improved process for manufacture of the extract obtained from Ayurvedic medicinal plant, viz. Sankhapushpi.
- 425/Bom/97. M/s. Synit Drugs Pvt. Ltd. An improved process for manufacture of the extract obtained from Ayurvedic medicinal plant, viz. Daruhadrda.
- 426/Bom/97. M/s. Synit Drugs Pvt. Ltd. An improved process for manufacture of the extract obtained from Ayurvedic medicinal plant, viz. Brahmi.
- 427/Bom/97. JIN-CHEN LIN. & MING-CHANG LIN. A mean axis of bicycle.

16-7-1997

- 428/Bom/97. IIT (Indian Institute of Technology). & others. A process for sequential supercritical CO₂ extraction and fractionation of neem oil enriched with azadirachtin from neem kernels.
- 429/Bom/97. DLW Aktiengesellschaft. Flexible floor covering tiles and process of manufacturing the same.

21-7-1997

- 430/Bom/97. Hindustan Lever Ltd. Frozen Food Product.
- 431/Bom/97. Hindustan Lever Ltd. Frozen Food Product.
- 432/Bom/97. Hindustan Lever Ltd. Frozen Food Product.
- 433/Bom/97. Hindustan Lever Ltd. Ice confections. (U.K. Priority dt. 8-11-97).
- 434/Bom/97. Hindustan Lever Ltd. Frozen Food Product.
- 435/Bom/97. Hindustan Lever Ltd. Process for obtaining oryzanol.
- 436/Bom/97. Nippon Piston Ring Co. Ltd. Synchronizer Ring. (Japan Priority dt. 30-8-96).

22-7-1997

- 437/Bom/97. Hindustan Lever Ltd. Improved pouch.
- 438/Bom/97. Department of Atomic Energy, Govt. of India. An optical probe for qualitative evaluation/measurement of defects in a ferromagnetic material component.

439/Bom/97. Department of Atomic Energy, Govt. of India. An optical probe for quantitative evaluation/measurement of defects in a ferromagnetic material component.

440/Bom/97. Prakashji Krishna Ratnaparkhi. A device for saving energy in motor driven/hydraulically operated machine typically injection moulding machine.

441/Bom/97. Dr. Joshi Yeshwant Kashinath. A synergistic formulation for treatment of rheumatic diseases, immunodeficiency diseases, and various forms of degenerative musculoskeletal diseases such as rheumatoid arthritis and osteoarthritis using the principles of aurveda.

442/Bom/97. Widem Machines. Device for providing a readable output of manually generated signal as compared with a generated reference signal.

23-7-1998

443/Bom/97. Andrew Corporation. Method of attaching a connector to a coaxial cable and the resulting assembly. (Japan priority dt. 24-10-96).

24-7-1997

444/Bom/97. Pest Control (India) Ltd. A moth breeding unit.

445/Bom/97. Pest Control (India) Ltd. A device for installation in the field of crops for trapping and destroying of boll worms.

25-7-1997

446/Bom/97. Mr. Harish Patel & Smt. Sandhya Patel. A new and useful product from processed and preserved betel leaf and other components.

447/Bom/97. Harjinder Singh Viridi of New Darshan Engineering Works. A machine for the pasting of paper in the corrugated sheets.

448/Bom/97. Harjinder Singh Viridi of New Darshan Engineering Works. A machine for the pasting of paper in the corrugated sheets.

449/Bom/97. Sanjeev Khosla & Aarti Khosla. Improved headlight system for filament/retrofitment on locomotives.

28-7-1997

450/Bom/97. Lupin Laboratories Ltd. An improved process for the preparation of penicillin antibiotics.

451/Bom/97. Lupin Laboratories Ltd. An improved process for the preparation of cephalosporin antibiotics.

452/Bom/97. Vilas Ramchandra Gohand. Gohand's polarization equipment and Gohand's polarization pictures.

453/Bom/97. Emission Technology India Pvt. Ltd. A method of producing refrigeration as by-product by use of waste heat of internal combustion engines when connected to electrical generating set and the like devices.

29-7-1997

454/Bom/97. Hindustan Lever Ltd. Synergistic personal hygiene process. (Brazil Priority dt. 8-8-96).

455/Bom/97. DIPL-ING. GUNTER RICHTER. Drum like container made of plastic as well as the process and equipment for its manufacture/products. (Germany priority dt. 31-8-96).

456/Bom/97. Aniket Suresh Ausekar. A method of detecting human papilloma virus (HPV).

457/Bom/97. Narendra Sancheti. A device for measuring the flow rate of urine.

30-7-1997

- 458/Bom/97. Rahul Vijaykumar Khopkar. Non-invasive device/machine/contraption/tool for operating treating/healing/manipulating life mentities.

31-7-1997

- 459/Bom/97. Jugalkishore Kunjilal Kalani. Sand making machine.

1-8-97

- 460/Bom/1997. Mr. Shrikrishna Gupta. Herbal Mosquito Mat.

- 461/Bom/1997. Zinser Textilmaschinen Gmbh. Roving machine with bobbin replacement device. Germany priority dt. 3-8-96.

- 462/Bom/1997. M/s. Synit Drugs Private Limited. Collection of Indian neem seeds.

- 463/Bom/1997. M/s. Synit Drugs Private Limited. A novel method for collection of Indian neem seeds.

- 464/Bom/1997. M/s. Synit Drugs Private Limited. Stable fungicidal keranj seed extract (Pongamia glabra).

- 465/Bom/1997. M/s. Synit Drugs Private Limited. A process for the preparation of Kuranj seed extract (pongamia glabra) used as fungicide.

- 466/Bom/1997. M/s. Synit Drugs Private Limited. A new generation of fertilizer from a novel source.

- 467/Bom/1997. M/s. Synit Drugs Private Limited. A process for the preparation of a new generation of fertilizers form a novel source.

- 468/Bom/1997. Synit Drugs Private Limited. Extract of Triacantanol and its homologues from a new source, viz. Rice Bran.

- 469/Bom/1997. Synit Drugs Private Limited. A process for the manufacture of triacantanol and its homologue from a new source, viz. Rice Bran.

- 470/Bom/1997. Filterwerk Mann + Hummel Gmbh. Filter Cartridge. Germany priority dt. 28-08-96.

- 471/Bom/1997. Ingersoll-rand (India) Limited. High pressure compressed air plant for circuit breaker application that provides moisture free air without dryer.

4-8-97

- 472/Bom/1997. Milind Gajanan Watve. A rapid antibiotic sensitivity testing kit for characterization of bacteria and diagnosis of infections.

- 473/Bom/1997. Dr. Pandrangi Ratnakar Balkrishnamoorthy & Dr. Somani Radheshyam Bhangwandas. Fruits & Vegetables concentrates in powder form retaining originality in colour taste and aroma/flavour.

5-8-97

- 474/Bom/1997. Access Consultants Private Limited. A method of manufacturing bitumen additive compound.

8-8-97

- 475/Bom/1997. Hindustan Lever Limited. Cosmetic Composition. (USA Priority dt. 27-8-96).

- 476/Bom/1997. Mr. Ravindra Vishnu Jog. Emergency leveling device for a lift car.

- 477/Bom/9197. Khushroo Rustomji Ghadiali. Disposable Razors.

12-8-97

- 478/Bom/1997. Hindustan Lever Ltd. Frozen product & process for the preparation thereof.

- 479/Bom/1997. Hindustan Lever Ltd. Borage seed oil as an anti-irritant in compositions containing hydroxy acids or retinoids. (USA Priority dt. 30-8-96).

- 480/Bom/1997. Smt. Ramagavri Ambalal Bhuvu. Special arrangement of PVC fills.

- 481/Bom/1997. Filterwerk Mann + Hummel Bmbh. Non-return valve. (Germany priority dt. 03-09-96).

- 482/Bom/1997. Sekjsaria chemicals Ltd. Resolution of α -Arylpropionic acids.

- 483/Bom/1997. Outokumpu Base metals OY. Method for leaching zinc concentrate in atmqspheric conditions.

14-8-97

- 484/Bom/1997. Anand Vinayak Gogte. A sleeve type joint for pipes/conduits.

18-8-97

- 485/Bom/1997. Hindustan Lever Ltd. Process for the preparation of a food product.

- 486/Bom/1997. Hindustan Lever Ltd. Fabric Conditioning composition. (U.K. Priority dt. 22-8-96).

- 487/Bom/1997. Hindustan Lever Ltd. Stabilization of an unstable retinoid in oil-in-water emulsions for skin care compositions. (USA Priority dt. 20-9-96).

- 488/Bom/1997. Suresh Chandulal Jhaveri. Portable multi-functional air conditioned chair seat-cum-sleeping bag-cum body massager pad.

- 489/Bom/1997. Shirish Shamrao Chavan. Neck-Wear Torch.

- 490/Bom/1997. Bhabha Atomic Research Centre. A process for the preparation of an aqueous emulsion pressure sensitive adhesive label.

- 491/Bom/1997. Indian Council of Agricultural Research. A process for determination of maturity of cotton fibres.

- 492/Bom/1997. Bajaj Auto Limited. Improvement in clutch control system of handlebar steering 3-wheeled vehicles.

- 493/Bom/1997. Pal Cospo (India) Pvt. Limited. Useful easy operative nozal doe bottle.

20-8-97

- 494/Bom/1997. Shri Shrikant Keshao Kulkarni. S. K. Dipping method of manufacturing (incense sticks) & S. K. Apparatus for manufacturing of Agarbattis.

- 495/Bom/1997. Essec Corporation. Filament wound housing for a reverse osmosis filter cartridge. (U.S.A. Priority dt. 21-8-96, China Priority (no date), Europe priority (no date), Japan priority dt. 25-6-97, Singapore priority dt. 9-5-97, Taiwan priority dt. 29-5-97).

21-8-97

- 496/Bom/1997. Haseni Abdeali Khambaty. Dust burning smoke=pollution plant.

- 497/Bom/1997. Gullshield Limited. A process for the continuous dyeing of warp yarn and an apparatus for carrying out the process.

26-8-97

- 498/Bom/1997. Ravi Ganoji Savant. An improved on line water softener tester.

- 499/Bom/1997. Prashant Nishikant Joshi. An improved plastic container.

27-8-97

500/Bom/1997. Hindustan Lever Ltd. Spacing device for spreading stamped material. (Germany priorities dt. 28-8-96 & 12-9-96).

501/Bom/1996. Hindustan Lever Ltd. Multi-cavity dispensing container. (USA Priority dt. 29-8-96).

502/Bom/1996. The Automotive Research Association of India. Improved cylinder head design for a single cylinder, direct injection watercooled, 4 stroke diesel engine (I. C. engine) with a cylinder bore of 80—85 mm and a stroke of 110 mm.

28-8-97

503/Bom/97. Ramanathan Balasubramaniam. A microscope stand with unique focusing mechanism.

504/Bom/97. Venkatesh Ranganath Navrekar. Expanding gate level.

505/Bom/97. Anand Vasant Bom & Suresh Vasudev Bado. An improved Timer.

29-8-97

506/Bom/97. Epic enzymes pharmaceuticals & industrial chemical ltd. Ethyl Oxalyl Chloride—A process for its production.

1-9-97

507/Bom/97. Indian Oil Corporation Ltd. Oligomerisation of Alpha-olefine from cracked refinery distillates for preparation of high viscosity synthetic lubricants.

508/Bom/97. Indian Oil Corporation Ltd. Oligomerisation of olefine of cracked refinery streams to medium viscosity synthetic lubricants.

509/Bom/1997. Weco Armaturen GMBH. A slide valve with monoblock casing. Germany priority dt. 20-2-97.

510/Bom/1997. Abhinav Munshi. Improved diapers and method of manufacturing such diapers.

2-9-97

511/Bom/1997. Smurfit Carton Y papel de mexico. SA de CV. Under felt inclined flat former to produce multilayer or monolayer sheet of paper. Mexico priority dt. 6-9-96.

4-9-97

512/Bom/1997. Hindustan Lever Limited. Salt-inducible promoter derivable from a lactic acid bacterium, and its use in a lactic acid bacterium for production of a desired protein. G. B. priority dt. 5-9-96.

513/Bom/1997. Hindustan Lever Limited. Process for preparing high bulk density detergent compositions. U. K. priority dt. 10-9-96.

514/Bom/1997. Hindustan Lever Limited. Process for stamping detergent bars. U.K. priority dt. 13-9-96.

515/Bom/1997. Hindustan Lever Limited. Process for preparing high bulk density detergent compositions. U. K. priority dt. 10-9-96.

516/Bom/1997. Hindustan Lever Limited. Frozen product & process for the preparation thereof.

517/Bom/1997. Hindustan Lever Limited. Process for preparing high bulk density detergent compositions. U. K. priority dt. 10-9-96.

518/Bom/1997. Abbott Laboratories. 6-O substituted ketolides having antibacterial activity. USA priority dt. 4-9-96.

5-9-97

519/Bom/1997. Birla Research Institute. Process for producing eco-friendly rayon by viscose process.

520/Bom/1997. Prof. Dr. Siegfried Peter. Method for purification of fats and oils of animal or vegetable origin. Germany priority dt. 19-9-96.

521/Bom/1997. Prof. Dr. Siegfried Peter. Method for producing fatty acid esters. Germany priority dt. 19-9-96.

8-9-97

522/Bom/1997. Bajaj Auto Limited. 2 wheeler with built in tail light and rear side indicators.

523/Bom/1997. Hoechst Marion Roussel Limited. A process for the isolation of new pharmacologically active 18 β , 19 β -diacetyloxy- 18 α , 19 α -epoxy-3, 13(16), 14-clerodatrien-2-one (esculentin A) and 18 β , 19 β -diacetyloxy-18 α , 19 α -epoxy-3, 12, 14-clerodatrien-2 β -isovaleryloxy-6 β , 7 α -diol (Esculentin B) from plants belonging to the Samydaceae family particularly *Cascaria esculenta*.

524/Bom/1997. Grindwell Norton Ltd. A resin bonded grinding wheel and method of making the same.

525/Bom/1997. Citurgia Biochemicals Ltd. A process for manufacturing citric acid from molasses.

526/Bom/1997. Hindustan Lever Limited. Packaging Apparatus.

527/Bom/1997. Hindustan Lever Limited. Liquid compositions comprising stability enhancing surfactants and a method of enhancing low temperature stability thereof. U.S.A. priorities dt. 24-9-96 & 24-9-96.

528/Bom/1997. Intech Exports Private. Powder spray booth for electrostatic powder coating plants.

529/Bom/1997. Intech Exports Private. A method of tribo charging by recycling and an apparatus therefor.

9-9-97

530/Bom/1997. Suhas Narhari Patki. Multi sound tuner for a single horn.

10-9-97

531/Bom/1997. Miyamoto Giken Yugen Kaisha. Thread feed device for embroidery machinery. Japan priority but no date.

532/Bom/1997. Miyamoto Kabushiki Kaisha. Threading device for embroidery machinery. Japan priority but no date.

533/Bom/1997. Surendra Himmatlal Shah. Evaporative air cooler for stationary and transport vehicles.

12-9-97

534/Bom/1997. Hindustan Lever Ltd. Deoderant Compositions.

535/Bom/1997. Yamato Sanko Mfg. Co. Ltd. Aeration-type rotary dryer. Japan priority but no date.

536/Bom/1997. Noell Stahl-Und Maschinenbau GmbH. Container transport system with rails. Germany priorities dt. 4-10-96 & 6-3-97.

537/Bom/1997. Gujarat State Fertilizers & Chemicals Ltd. A process for making powder coating grade nylon-6 from nylon-6 chips and wastes.

16-9-97

538/Bom/1997. Arvind R Pingle. A plant of parthenium strain.

539/Bom/1997. Arvind R Pingle. A starch based gum for packaging industry.

540/Bom/1997. Indian Oil Corporation Limited. A process for the preparation of aminodi (akylaryl) phosphorodithiodate.

541/Bom/1997. Indian Oil Corporation Limited. A novel Catalyst composition.

17-9-97

- 542/Bom/1997. Institute for Space and Terrestrial Science, Allied-Signal Inc. & Candian Space Agency. Satellite Attitude sensor using thermal imaging. U.S.A. priority dt. 17-9-96 & Canada priority dt. 23-9-96.

22-9-97

- 543/Bom/1997. Rahul Vijaykumar Khopkar. Ultrasonic cooking apparatus.

24-9-97

- 544/Bom/1997. Dr. Sanjay Madhukar Sonar. Process to manufacture proteinaceous target molecules using recombinant DNA technology.

- 545/Bom/1997. Shrikant Vasant Sathe. Digital time lag indicator in descending or ascending mode for traffic signal.

- 546/Bom/1997. Hindustan Lever Limited. Skin care compositions containing combinations of compounds for mimicking the effect on skin of retinoic acid. USA priority dt. 27-9-96.

- 547/Bom/1997. Hindustan Lever Limited. Skin care compositions containing an amide and a retinoid. USA priority dt. 27-9-96.

- 548/Bom/1997. Hindustan Lever Limited. Skin care compositions containing an amide and a retinol or retinyl ester. USA priority dt. 27-9-96.

- 549/Bom/1997. Hindustan Lever Limited. A brush and method for producing same. USA priority dt. 26-9-96.

- 550/Bom/1997. Hindustan Lever Limited. Skin care compositions containing an acid and a retinoid. USA priority dt. 27-9-96.

- 551/Bom/1997. Shailesh Patel, Bhavin Patel, Raj Seksaria, Mrs. Shakuntaladevi Nandkishore Sawant. An improved traffic barrier cum road divider.

- 552/Bom/1997. Mrs. Pradnya Subhash Churl & Mr. Shashikant Tukaram Mude. An improved external cover for spare wheel of vehicle.

- 553/Bom/1997. Satish Bharat Shelke Santosh Bharat Shelke Shanta Bharat Shelke. Making and Baking of Indian bread making device on cooking stove like LPG, CNG, Kerosene etc.

- 554/Bom/1997. Danfoss A/S. Hydraulic System. (Germany priority dt. 28-9-96).

- 555/Bom/1997. Danfoss A/S. Hydraulic System. (Germany priority dt. 28-9-96).

25-9-97

- 556/Bom/1997. Kirtan Ratnapal Dhami. A process of purifying drinking water and apparatus thereof.

- 557/Bom/1997. Hindustan Lever Ltd. Aerosol Antiperspirant Composition. (USA priority dt. 27-9-96).

- 558/Bom/1997. Hindustan Lever Ltd. Replaceable head tooth brush. (USA priorities dt. 27-9-96 & 20-5-97).

- 559/Bom/1997. Hindustan Lever Ltd. Improved detergent Composition.

- 560/Bom/1997. Hindustan Lever Ltd. Injection moulding of detergent bars.

- 561/Bom/1997. Outokumpu Technology OY. Method for feeding and directing reaction gas and solids into a smelting furnace and a multi adjustable burner designed for said purpose.

- 562/Bom/1997. Hoechst Marion Roussel Limited. A process for the production and isolation of novel aldose-6-phosphate translocase inhibitors named kodaistatins B, C and D from *Aspergillus terreus* Thom (Culture Number Y-93 02839, HIL-051652), its mutants and variants and their use as pharmaceuticals.

26-9-97

- 563/Bom/1997. Searle (India) Ltd. A process for the preparation of the antithrombotic agent 5-(2-chlorobenzyl-4, 5, 6, 7-tetrahydrothieno (3, 2-C) pyridine (tichlopidine) and pharmaceutically acceptable salts thereof.

- 564/Bom/1997. Searle (India) Ltd. A process for the preparation of the antipsychotic agent 3-[2-[4-(6-fluoro-1, 2-benzisoxazol-3-yl)-1-piperidinyl] ethyl] 6, 7, 8, 9-tetrahydro-2-methyl-4H-pyrido [1, 2-a] pyrimidin-4-one (Risperidone).

- 565/Bom/1997. Babu Nair. Process for the preparation of the 2-(secondary aminoalkoxymethyl) dihydropyridine derivatives and pharmaceutically acceptable acid addition salts thereof.

- 566/Bom/1997. Rustom Jal Doctor. Improved plastic sealing device.

- 567/Bom/1997. Hindustan Antibiotics Limited. A simple method to prepare water soluble derivative of amycin.

- 568/Bom/1997. Hindustan Antibiotics Limited. A new method to prepare water soluble derivative of aureofungin.

- 569/Bom/1997. Mrs. Sumati Vasant Tole. Leaf shredder.

29-9-97

- 570/Bom/1997. Milind Raghunath Kulkarni. Improvements in gates for a weir.

- 571/Bom/1997. Milind Raghunath Kulkarni. Improved flume for accurate measurement of water flowing through channels.

- 572/Bom/1997. Lars Enviro Pvt. Ltd. Improved media for the treatment of waste water.

30-9-97

- 573/Bom/1997. Filterwerk Mann+Hummel GMBH. Apparatus for liquid return to gas flows. (Germany priority dt. 15-11-96).

- 574/Bom/1997. M/s. Hawkins Cookers Limited. A roti pan for preparation of food from a dough.

01-10-97

- 575/Bom/1997. Milind Raghunath Kulkarni. "Improved Kharland Gate".

- 576/Bom/1997. Audith Timble. Method of Constructing a Caisson in a Floating mode.

03-10-97

- 577/Bom/1997. Hindustan Lever Ltd. Improved Brushing Device.

- 578/Bom/1997. Hindustan Lever Ltd. Improved Brushing Device.

- 579/Bom/1997. Hindustan Lever Ltd. Improved Toothbrush.

- 580/Bom/1997. Filterwerk Mann+Hummel GMBH. Apparatus for Folding Material Webs. (Germany priority dt. 18-10-96).

- 581/Bom/1997. Balai Auto Ltd. "Improvements in Petrol Engine Working on 4 Stroke Principle ON3-Wheeled Vehicle Having Handle Bar Steering Control".

06-10-97

- 582/Bom/1997. Hindustan Lever Ltd. Fabric Softening Composition.

- 583/Bom/1997. Hindustan Lever Ltd. Cast Melt Bar Compositions Containing High Levels of Low Molecular Weight Polyalkylene glycols. (USA priority dt. 16-10-96).

584/Bom/97. Hindustan Lever Ltd. Pourable Cast Melt Bar Compositions Comprising Low Levels of Water and Minimum Ratios of Polyol to Water. (USA priority dt. 16-10-96).

06-10-97

585/Bom/97. Dr. Sanjay Prabhakar Gaddekar. "The Table Top-Mobile Major Operation Theatre".

586/Bom/97. Ahmedabad Textile. Pre-Ginning Seed Cotton Cleaner for Removing in Mature/Defective Bolls, Leafy-matter and Waste Material From Seed Cotton.

587/Bom/97. Ahmedabad Textile Industry's Research Association. (Pneumatic Lint Transportation System).

588/Bom/97. Ahmedabad Textile Industry's Research Association. An Attachment for a Warping Sizing Or Singeing Machine.

589/Bom/97. Patel Arvind-Bhai Ranchhodhbhai. Low Air Thrust Multi-Curtain (Horizontal) System-Wind Mill-Domestic Purpose.

07-10-97

590/Bom/97. Pankaj Kumar. Technique for Water/Air Conditioner Device By using a Solar Collector Or a Series of Collectors Used As a Air circulator in a concerned Close Circuit.

591/Bom/97. Raj Kumar B. Agarwal. Paper Board Pallets.

592/Bom/97. Natwarlal Popatlal Cachania. An Improved Invented Setting System of Parison Discharge Orifice of Cup & Cone in Plastic Blow Moulding.

593/Bom/97. Ahivaran Singh. A new Invention of Method and Material Aids on Numeracy Literacy.

08-10-97

594/Bom/97. Prakash Ishwarlal Panchal. A Collapsible Spacer Device.

595/Bom/97. Vihar Vijay Shivankar. 'Maa Ki Goad'.

596/Bom/97. Girish S. Patel. "Composition and Process for the treatment and recovery of oil sludge.

09-10-97

597/Bom/97. Prakash Bhalchandra Parkhi. "An improved soldering iron".

598/Bom/97. Harish Vasant Godbole. "A support for an arm and a wrist while working at a table".

599/Bom/97. Anand Vasant Bam & Anant Gajanan Namburkar. "A device for pulling film in a form-fill sealing machine".

600/Bom/97. Rajkrishan Faquirchand Sharma & Gopal Krishan Grover. A Sprungrip Framelock Device.

13-10-97

601/Bom/97. Crompton Greaves Ltd. A Computerised Numerical Control (CNC) Machine For Accurately Smoothly two and/or Three Dimensionally Profile Cutting Soft Material Such as Polystyrene Foam (Thermocole) Sheets.

602/Bom/97. Crompton Greaves Ltd. A Method of Making Polystyrene Foam (Thermocole) Patterns Particularly for Use in Lost Foam Technique Metal Castings.

603/Bom/97. The Ensign-Bickford Company. Shock-Resistant Electronic Circuit Assembly. (USA priority dt. 1-11-96).

14-10-97

604/Bom/97. EMS-Inventa AG. Process for Manufacture of Adhesion Agents For Polyamide Composite Structure. (Germany priority dt. 18-10-96).

2-277 GI/98

605/Bom/97. Dr. Bijay Vasant Deshpande & Mrs. Uma Vijay Deshpande. "Stored Heat Cooker".

606/Bom/97. Gujarat State Fertilizers & Chemicals Ltd. A Process for Recovery of Sulphur Waste of a Sulphuric Acid Plant.

15-10-97

607/Bom/97. Balijepalli Sethu Madhava Rao & Others. "A Process for The Preparation of A Thermoplastic-Thermoset Resin".

608/Bom/97. Hindustan Lever Ltd. Lubricants for Conveyor Belt Installations in the Food Industry.

609/Bom/97. Sham Ramchandra Kulkarni, Bipin Sham Kulkarni. An Improved Cable Terminal Joint of Resistance Welding Cable.

610/Bom/97. Mrs. Roshan Dara Poonawalla. "A fuel Supply System for Petrol Engine".

611/Bom/97. Miss Parol Pravin Pitroda. "An Improved Protective Device for a Needle and/OR Syringe and a Needle/Syringe Comprising the same".

612/Bom/97. Miss Parol Pravin Pitroda. "An Improved Single Use Self Disabling Syringe".

613/Bom/97. Miss Parol Pravin Pitroda. "An Improved Single Use Self Disabling Syringe".

614/Bom/97. Krishna Rao Chandrasekaran. A Portable Cooking Plat-Form for Kitchen Use.

16-10-97

615/Bom/97. Dhruv Varma. "Electronic Thermostat Control Unit".

616/Bom/97. Dhruv Varma. "Electronic Multipoint Temperature Controller for Refrigeration and Heating Systems".

17-10-97

617/Bom/97. Praj Industries Ltd. "Process and Plant For Making Bakers Yeast/Distillers Yeast Using Flocculating Yeast".

618/Bom/97. Praj Industries Ltd. "A Device for Controlling the Foam in Fermentation Research Vessel".

619/Bom/97. Lars Fenviro Pvt. Ltd. An improved Apparatus & A Process for Treatment of Waste Water.

620/Bom/97. Prabhakar Deodhar. A Method of indicating the Operational Status of Uninterrupted Power supply Units at a Location Remote from the Position of the Actual Units.

621/Bom/97. Ontokumnu Ovi Method and Apparatus for cleaning a Filter Surface.

20-10-97

622/Bom/97. Nortec GMBH. Mecano-Physico-Chemical Drinking Water Regeneration Apparatus. (German priority dt. 10-10-97).

623/Bom/97. Hindustan Lever Ltd. "A Method of Preparing an Antimicrobial Composition Containing Acyl Monolactylates.

22-10-97

624/Bom/97. Mr. Bharat Kanakchandra Zaveri & Mrs. Amita Amit Marfatiya. Electrolytic AID Friabilizing Drum

625/Bom/97. Jin-Chen Lin. "A Steering Head Set for Bicycle".

23-10-97

626/Bom/97. Hindustan Lever Ltd. Method for the preparation of a Foodstuff.

627/Bom/97. Hindustan Lever Ltd. Back Containing A Dry Alkaline Solid.

24-10-97

628/Bom/97. Mr. Indravadan Ambalal Modi. The Process for Manufacturing Topical Formulation of Nimesulide.

629/Bom/97. Satya Prakash Verma. "A Gravity powered Machine For Producing Power".

27-10-97

630/Bom/97. M/s. Kumkum Food Products Ltd. A Device and Process for Instant Sterilization of Food Cereals, Pulses and the Like.

29-10-97

631/Bom/97. Mr. Singh M M Singh, NM Singh, D M Singh. "Improved Machine Guard".

632/Bom/97. Hindustan Lever Ltd. Triglyceride Fat Crystallization.

633/Bom/97. Hindustan Lever Ltd. Hair Treatment Composition. (U.K. priority dt. 31-10-96).

634/Bom/97. Hindustan Lever Ltd. Antiperspirant Composition. (U.K. priority dt. 30-10-96).

635/Bom/97. Mr. E. C. Peter. Reaper (Agricultural Equipment).

636/Bom/97. M/s. Lekar Pharma Ltd. "A Pharmaceutical Formulation".

637/Bom/97. M/s. Lekar Pharma Ltd. "A Process for the preparation of a Pharmaceutical Formulation".

31-10-97

638/Bom/97. Hindustan Lever Ltd. Detergent Composition. (U.K. priority dt. 1-11-96).

639/Bom/97. Gharda Chemicals Ltd. Resolution of the (+) 2, 2-dimethyl-3- (2, 2-disubstituted Vinyl) Cyclopropane 1 carboxylic-acid from its Optical Isomers.

640/Bom/97. Ranjeet Veshwasrao Chiplunkar. "Process for Safe Disposal of Industrial Hazardous Solid Waste".

03-11-97

641/Bom/1997. V. M. Biotech. Process and equipment for enumerating dynamically growing microbial population.

642/Bom/97. Sanjeev Vyas. Tuner for single horn melody.

04-11-97

643/Bom/1997. Kashinath Dadasaheb Phadtare. Distributed traffic signal controller design.

05-11-97

644/Bom/1997. Vivek Pathak. Photovoltaic solar energy plant based on tracking and concentration.

645/Bom/1997. Chempolis OY. Method of producing pulp with high brightness (Finland priority dt. 6-11-96).

07-11-97

646/Bom/1997. Proj Industries Ltd. Multi seement single column fermentor for ethanol production by continuous ethanol fermentation.

647/Bom/1997. Eurolight electricals Ltd. Energy saving device for fluorescent tubes.

648/Bom/1997. Anil Tukaram Dhonde. A two inline-segmented chain track crawler.

Bom/1997. The Associated Cement Companies Limited. A retrofittable catalytic exhaust gas converter.

10-11-97

650/Bom/1997. Hindustan Lever Limited. Dosing dispenser for liquid soap or the like.

651/Bom/1997. Hindustan Lever Ltd. Aqueous cleaning composition. (U.K. priority dt. 18-11-96).

652/Bom/1997. Hindustan Lever Ltd. Dosing Apparatus and method.

653/Bom/1997. Hindustan Lever Ltd. Process for the production of a detergent composition. (U.K. priority dt. 02-12-96).

654/Bom/1997. Hindustan Lever Ltd. Improvements relating to bleaching compositions comprising hydrogen peroxide. (U.K. priority dt. 29-11-96).

655/Bom/1997. M/s. Synit Drugs Pvt. Ltd. Herbal Anti-allergic formulation.

656/Bom/1997. M/s. Synit Drugs Pvt. Ltd. An improved process for the preparation of Herbal formulation used as brain tonic.

657/Bom/1997. M/s. Synit Drugs Pvt. Ltd. An improved process for the preparation of Anti fatigue adogenic herbal composition.

658/Bom/1997. M/s. Synit Drugs Pvt. Ltd. Herbal anti allergic formulation.

659/Bom/1997. M/s. Synit Drugs Pvt. Ltd. Herbal formulation used as brain tonic.

660/Bom/1997. M/s. Synit Drugs Pvt. Ltd. Herbal formulation used as brain tonic.

661/Bom/1997. Universiti Sains Malaysia. A new physical form of artemisinin and its use in the production of pharmaceuticals.

11-11-1997

662/Bom/1997. Ganesh Benzoplast Ltd. Method of preparing a product containing synergistic mixture for preservation of foods, typically seafoods.

12-11-97

663/Bom/1997. Dilip Shrikrishna Belsar. Cap with nozzle and its cap.

664/Bom/1997. Green Clouds Limited. An ultrasonic device for atomizing liquids. (Israel priority dt. 28-8-97 & U.S. priority dt. 8-8-97).

665/Bom/1997. GP "Nautschno-issledovatel'sky institut electrophysicheskoy apparatury imeni D. V. Efremova" & Zentralnoye konstruktorskoye byuro morskoy tekhniki "Rubin". Electric machine with permanent magnets and methods of assembling thereof.

666/Bom/1997. Vipin Champsey Shah. An improved power transmission system for I.C. engines.

667/Bom/1997. Mahendra Kumar Jhunjhunwala. Oral herbal ayurvedic composition for treatment of Psoriasis.

668/Bom/1997. Mahendra Kumar Jhunjhunwala. Herbal Ayurvedic composition for treatment of Psoriasis.

17-11-97

669/Bom/1997. Shrikant Ganapatrao Dere. Improved three phase shunt power factor improvement capacitor.

670/Bom/1997. Hindustan Lever Limited. Proteins.

671/Bom/1997. Mitsui Chemicals Inc. Porous film of high molecular weight polyolefin and process for producing same. (Japan priorities dt. 19-11-96 & 20-01-97).

672/Bom/1997. Dilip Balmukund Bhatt & Pragya Dilip Bhatt. A sketching device.

18-11-97

- 673/Bom/1997. Ghem Sheng Wham. Device for providing rotational output. (Malaysia priority dt. 18-11-97).
- 674/Bom/1997. Ferring B. V. Heptapeptide analogues.
- 675/Bom/1997. Bajaj Auto Ltd. Improvements in the intake system of two stroke engines.

19-11-97

- 676/Bom/1997. Micromation Systems. An improved multi-processing micro computerized numerically controlled (CNC) machine for simultaneous automatic machining operations.
- 677/Bom/1997. Narshing Padhi. Liquid kerosene gas cooking stove.
- 678/Bom/1997. Swaraj Industrial & Domestic Appliances Pvt. Ltd. Improvements in the drive mechanism in attachments for grinder-mixer for extracting juice, chopping, grating slicing and the like.
- 679/Bom/1997. Satish Bharat shelke, Shanta Bharat Shelke, Santosh Bharat Shelke. Mechanical On-Off magnet, comprising of ferromagnetic material strips on both the poles of magnet and arrangement for sliding of a strip on the pole.
- 680/Bom/1997. Ehwa Diamond Ind. Co. Ltd. & General Tool Inc. Segments for large diameter saw blade.

20-11-97

- 681/Bom/1997. Shreepad Yashawant Daftardar & Narayan Krishnarao Savant. Formation of briquettes of fertilizers and the method of its application in the agriculture.
- 682/Bom/1997. Sidheshwar Ambadas Navaie. Production of vehicle in running on without any fuel. (Petrol, Diesel).

21-11-97

- 683/Bom/1997. Desai Heribhai Jeshangbhai. Clean Power.
- 684/Bom/1997. Hindustan Lever Limited. Skin and hair darkening composition.

24-11-97

- 685/Bom/1997. Hindustan Lever Limited. Crosslinked elastomeric silicones in aqueous emulsion cosmetic composition.

25-11-97

- 686/Bom/1997. Hindustan Lever Limited. Enzymatic oxidation process.
- 687/Bom/1997. Xybernaut Corporation. Hands free, portable computer and system. (U.S. priority dt. 22-05-97).

28-11-97

- 688/Bom/1997. Deepak Panditrao. Improved method for preparation of coagulated latex rubber slabs.
- 689/Bom/1997. Advanced power systems International. Method and device for treating fuel. (U.S.A. priorities dt. 29-11-96 & 31-10-97).

1-12-97

- 690/Bom/97. Hindustan Lever Limited. Cosmetic composition. (U.K. priority dt. 2-12-96).
- 691/Bom/97. Hindustan Lever Limited. Thiadiazole dioxides as bleach enhancers. (U.K. priority dt. 3-12-96).
- 692/Bom/97. Kuldip Singh. Improved stretch blow moulding machine.
- 693/Bom/97. Rahul Vijaykumar Khopar. Multipurpose sonic apparatus.

2-12-97

- 694/Bom/97. Hindustan Lever Limited. Thiadiazole dioxide derived oxaziridines as bleaching compounds. (U.S.A. priority dt. 3-12-96).
- 695/Bom/97. Eder Maschinenfabrik GmbH & Co. Apparatus for separating fluids and/or solid matter or gases with a different specific weight from a gas flow. (Germany priority dt. 06-12-96).
- 696/Bom/97. Indian Oil Corporation Limited. A process for the preparation of a heterogeneous catalyst useful for preparation of super of a high molecular weight polymers or alphaolefins.
- 697/Bom/97. Indian Oil Corporation Limited. A process for the preparation of calcium phenate detergents from cashew nut shell liquid.
- 698/Bom/97. The Ensign-bickford Company. Hybrid electronic detonator delay circuit assembly. (U.S.A. priority dt. 6-12-96).
- 699/Bom/97. Dr. Bakulesh Mafatlal Khamars. Process for manufacturing formulation as topical beta blockers with improved efficacy.

3-12-97

- 700/Bom/97. Indian Petrochemicals Corporation Limited. A process for the preparation of 1, 4-dioxan.

5-12-97

- 701/Bom/97. Max-planck-gesellschaft zur forderung der wissenschaften E. V. Fungi of the genus piriformospora.
- 702/Bom/97. Max-planck-gesellschaft zur forderung der wissenschaften E. V. A fertilizer composition and method of preparing the same.
- 703/Bom/97. Indian Oil Corporation Ltd. & C.S.I.R. An improved process for oligomerization of α olefins.
- 704/Bom/97. Indian Oil Corporation Ltd. & C.S.I.R. A process for the preparation of supported aluminium chloride catalyst containing organoaluminium compound.

8-12-97

- 705/Bom/97. Ravindrakumar Ramjibhai Yadav. A vertical soap case.
- 706/Bom/97. Sharangdhar Pabb Pharmaceutical Pvt. Ltd. A process to manufacture Chyavanprash in granular form.
- 707/Bom/97. Sharangdhar Pabb Pharmaceutical Pvt. Ltd. Chyavanprash in granular form and process to make the same.
- 708/Bom/97. Dhananjay Ramkrishna Tutakne. Solid state, single phase, AC voltage controller, for obtaining variable sinusoidal voltage as well as current output from AC mains, using power switching device.

10-12-1997

- 709/Bom/97. Hindustan Lever Ltd. Softening compositions.
- 710/Bom/97. Timing Systems. Fuel injection timing system for unit injectors. (U.S.A. priority dt. 24-12-96).
- 711/Bom/97. Juzar Taher Haideri. Improvements in or relating to spider and drive inserts in a power transmitting flexible coupling.
- 712/Bom/97. Amal Bhupendra Shah. An improved cascade circuitry used in powder spray gun.
- 713/Bom/97. Kolon Industries. A process for production of benzene derivatives. (Korea priority dt. 4-7-97).

11-12-1997

- 714/Bom/97. Hindustan Lever Ltd. Detergent composition with improved properties.

715/Bom/97. Koninklijke Pit Nederland N. V. Method for inserting a cable-like element into a tube coiled in or on a holder.

716/Bom/97. Koninklijke Pit Nederland N. V. Method and device for inserting a cable-shaped member into an elongated tubular sheathing wound around or in a holder.

12-12-1997

717/Bom/97. M/s. Gujarat Alkalies & Chemicals Ltd. Improvements in or relating to a process for the preparation of hydroxy-propyl methyl cellulose.

718/Bom/97. M/s. Gujarat Alkalies & Chemicals Ltd. Improvements in or relating to a process for the preparation of ethylene diamine tetra acetic acid.

719/Bom/97. M/s. Gujarat Alkalies & Chemicals Ltd. Improvements in or relating to a process for the preparation of methyl cellulose.

720/Bom/97. Indian Oil Corporation Ltd. An improved process for preparing titanium complex grease.

15-12-1997

721/Bom/97. Hindustan Lever Ltd. Skin Lightening composition.

722/Bom/97. Hindustan Lever Ltd. Web-shaping method and means.

723/Bom/97. Desharath Baburao Chavan. The process and the plant (machinery) thereof, for manner of manufacturing, complete bead building, with polymeric packing bead product of automobile tyre industry.

724/Bom/97. Trio Audio Plate Pvt. Ltd. Electronic photo operator switch for

725/Bom/97. Sanjeev Khosia & Aarti Khosla. Traffic signal lighting unit.

726/Bom/97. Ingersoll-Rand (India) Ltd. Hydraulic driven submersible pump.

727/Bom/97. Tata Research Development & Design Centre. A rice husk ash based domestic water filter and method of making the same.

16-12-1997

728/Bom/97. Hindustan Lever Ltd. Immobilized enzyme and its use for the processing of triglyceride oils.

17-12-1997

729/Bom/97. Ina Walglager Schaeffleter oHG. Pressure roller for textile machines. (Germany priority dt. 25-03-97).

730/Bom/97. Bio-Plexus Inc. Self-blunting needle medical device and methods of manufacture thereof. (U.S.A. priority dt. 19-12-96).

731/Bom/97. Goradia Innovative Technologies Pvt. Ltd. An improved brushing device and a process for manufacture thereof.

732/Bom/97. Grindwell Norton Ltd. A method of making porous ceramics.

18-12-1997

733/Bom/97. Hindustan Lever Ltd. Antiperspirant or deodorant compositions. (U.K. priority date 23-12-96).

734/Bom/97. Hindustan Lever Ltd. Antiperspirant or deodorant compositions. (U.K. priority date 23-12-96).

735/Bom/97. Hindustan Lever Ltd. Enzymatic bleach composition.

736/Bom/97. Hindustan Lever Ltd. Cleansing composition comprising monoalkyl cationic surfactants. (U.K. priority dt. 20-12-96).

737/Bom/97. Achintya Basu. An electromagnetically controlled speed induction motor drive system.

738/Bom/97. Ayur Core Inc. A synergistic composition for immunomodulatory activity with special reference to adjuvant treatment along with cancer chemotherapy.

19-12-1997

739/Bom/97. Mr. Ratnakar Arjuna Dond & Others. Self feeding trash cutter machine.

740/Bom/97. Hindustan Lever Ltd. Improvements relating to surface cleaning. (U.K. priority dt. 20-12-96).

22-12-1997

741/Bom/97. Winter CVD-Technik GmbH. Abrasive wheel. (Germany priority dt. 13-01-97).

742/Bom/97. Kishor Kanthikar. Improved solar water heater.

743/Bom/97. Indian Oil Corporation Limited. A process for demetallisation of petroleum distillates and residues for removal of organically bound metals.

23-12-1997

744/Bom/97. Ravi Kamal Bali. An improved tamper proof snap seal for locking the polythene/canvass bags and directly locking drums with narrow hole locking clamp and other closure systems.

745/Bom/97. Sardar Patel Renewable Energy Research Institute. A down draft gasifier.

746/Bom/97. Kishor Kanthikar & Mathew Boissevain. A solar water heater.

24-12-1997

747/Bom/97. Winter CVD. Technik GmbH. Grinding/abrasive element. (Germany priority dt. 13-01-97).

748/Bom/97. DLW Aktiengesellschaft. Polyreactions products containing material and a process for its preparation. (Germany priority dt. 24-12-96).

26-12-1997

749/Bom/97. Hindustan Lever Ltd. Process for obtaining triacetin.

750/Bom/97. Hindustan Lever Ltd. Fabric treatment compositions.

751/Bom/97. Hindustan Lever Ltd. Die and process for stamping plastic material. (U.S.A. priority date 27-12-96).

752/Bom/97. Amotron Co. Ltd. Dielectric ceramic composition for micro wave application. (Korea priority dt. 23-1-97).

753/Bom/97. Hindustan Lever Ltd. Die and process for stamping plastic material. (U.S.A. priority date 30-12-96).

754/Bom/97. Hindustan Lever Ltd. Cleansing composition with separately dispensed cleansing base and benefit base wherein benefit base also comprises surfactant. (U.S.A. priority dt. 30-1-97).

755/Bom/97. Kartikay P. Pathak. Renew compression screw.

29-12-1997

- 756/Bom/97. Outokumpu Technology Oy. Roller screen.
 757/Bom/97. Outokumpu Technology Oy. An apparatus for conducting through material to be sintered.
 758/Bom/97. Outokumpu Technology Oy. An apparatus for processing lumpy material.

20-12-1997

- 759/Bom/97. Ecc International Ltd. Processing of ceramic materials. (U.K. priority dt. 11-0-1-97).

30-12-1997

- 760/Bom/97. Mrs Divyaben Karsanbhai & Others. An automatic device to extract fluid from a vessel.
 761/Bom/97. Prakash Krishna Ratnaparihi. Height gauges.
 762/Bom/97. Prakash Krishna Ratnaparihi. Height gauges.

31-12-1997

- 763/Bom/97. Hindustan Lever Ltd. Improved cooling system.
 764/Bom/97. Hindustan Lever Ltd. Improved calcium carbonate.
 765/Bom/97. Hindustan Lever Ltd. Improved Calcitic calcium carbonate.
 766/Bom/97. Jaiprakash Aanat Sathe. An improved audio-visual caution system.
 767/Bom/97. IIT, Bombay. A process for the synthesis and antimalarial activity of N-(alkyl dioxymethyl)-N-eryl-methyl-alkanolamines.

APPLICATIONS FOR PATENTS FILED AT THE
 PATENT OFFICE BRANCH, WING C (C-4 'A'),
 THIRD FLOOR, RAJAJI BHAVAN, BESANT
 NAGAR, CHENNAI-600 090.

22nd December, 1997.

- 2953/Mas/97. Ittoop Chungath Joseph and Rangaswamy Alagiriswamy. A device for opening and closing an electrical circuit automatically after pre-determined time intervals.
 2954/Mas/97. BASF Aktiengesellschaft. Preparation of carbonyl compounds. (December 23, 1996; Germany).
 2955/Mas/97. BASF Aktiengesellschaft. Preparation of carbonyl compounds. (December 23, 1996; Germany).
 2956/Mas/97. BASF Aktiengesellschaft. Preparation of α -tocopherol or α -tocopheryl acetate by reacting trimethylhydroquinone and phytol or isophytol, with recycling of the zinc halide condensation catalysts. (December 23, 1996; Germany).
 2957/Mas/97. Firatco Aktiengesellschaft. System with a welding apparatus. (December 23, 1996; Germany).
 2958/Mas/97. Bracco International B. V. A process for the preparation of an intermediate useful in the synthesis of iodinated contrast media. (December 24, 1996; Italy).
 2959/Mas/97. Bracco International B. V. A process for the preparation of an intermediate useful in the synthesis of iodinated contrast media. (December 24, 1996; Italy).
 2960/Mas/97. Bracco International B. V. A process for the purification of an intermediate useful in the synthesis of iodinated contrast media. (December 24, 1996; Italy).

- 2961/Mas/97. F. L. Smidth & Co. A/S. Method and burner for introducing fuel into a klin.
 2962/Mas/97. Smithkline Beecham Biologicals S.A. Vaccine. (December 24, 1996 United Kingdom).
 2963/Mas/97. The Dow Chemical Company. The use of bio polyols to improve the compatibility of pentane and cyclopentane in rigid polyurethane foam.

- 2964/Mas/97. Dynamit Nobel GMBH Explosivstoff-und Systemtechnik. Vehicle with a fire-extinguishing device. (December 21, 1996; Germany).

- 2965/Mas/97. BASF Aktiengesellschaft. Continuous coagulation or aqueous graft rubber dispersions and apparatus for this purpose. (December 23, 1996; Germany).

- 2966/Mas/97. BASF Aktiengesellschaft. Cyclopentene-derived oligomer mixtures, their preparation and their use. (December 23, 1996; Germany).

- 2967/Mas/97. E. Mathuruthikaran Joseph Anto; (2) Chathanagat Cheroolil Gopalakrishnan; (3) Kaithakkat Narayan Sathyavathan; (4) Babu Jacob & (5) Unnikarambath Chandrabalan. A process for reduced ilmenite by cashew shell suitable for manufacturing synthetic rutile.

23rd December, 1997.

- 2968/Mas/97. Titan Industries Limited. Dial less slim analogue wrist watch in order to reduce watch thickness.

- 2969/Mas/97. Sricon Solar Systems (P) Ltd. Solark pasteurizing system.

- 2970/Mas/97. BASF Aktiengesellschaft. Functionalized cyclopentene-derived oligomer mixtures, their preparation and their use. (December 23, 1996; Germany).

- 2971/Mas/97. Shimano Inc. Hollow crank for bicycle, and method for manufacturing same. (December 27, 1996; Japan).

- 2972/Mas/97. Shimano Inc. Hollow crank spindle unit for bicycle. (December 27, 1996; Japan).

- 2973/Mas/97. Shimano Inc. Bicycle crank and method for manufacturing same. (December 27, 1996; Japan).

- 2974/Mas/97. Shimano Inc. Bicycle crank and method for manufacturing same. (December 27, 1996; Japan).

- 2975/Mas/97. Shimano Inc. Rear derailleur with a cable guide roller. (December 27, 1996; U.S.A.).

- 2976/Mas/97. Shimano Inc. Rear derailleur for a bicycle. (December 26, 1996; U.S.A.).

- 2977/Mas/97. Tanabe Seiyako Co. Ltd. Propidphenone derivatives and process for preparing the same. (December 26, 1996; Japan).

- 2978/Mas/97. Ascometal-Immeuble "La Pacific". Steel and process for the manufacture of a steel component formed by cold plastic deformation. (December 31, 1996; France).

- 2979/Mas/97. YKK Corporation. Slider for slide fastener and a metal mold for the same. (December 27, 1996; Japanese).

- 2980/Mas/97. SMS Schloemann-Siemag Aktiengesellschaft. Method and apparatus for rolling strip. (December 23, 1996; Germany).

- 2981/Mas/97. Matsushita Electric Industrial Co. Ltd. Switching power supply. (December 25, 1996; Japan).

- 2982/Mas/97. Boart Langyear International Holdings, Inc. Rod joint. (December 24, 1996; U.S.A.).

2983/Mas/97. SMS Schloemann-Siemag Aktiengesellschaft. Method of rolling finished sections from preliminary sections in reversing roll stand arrangements. (July 17, 1997; Germany).

24th December, 1997.

2984/Mas/97. Teratech Corporation. Ultrasound scan conversion with spatial dithering. (December 24, 1996; U.S.A.).

2985/Mas/97. NEC Corporation. Display pager having message finder responsive to user-entered time indication. (December 25, 1996; Japan).

2986/Mas/97. NEC Corporation. Radio paging receiver wherein a passessor thereof can freely set a selected call announcing mode in correspondence to every sender of a call. (December 25, 1996; Japan).

2987/Mas/97. NEC Corporation. Radio selective calling receiver. (December 25, 1996; Japan).

2988/Mas/97. NEC Corporation. Radio selective calling reception system and method. (December 26, 1996; Japan).

2989/Mas/97. NEC Corporation. Mobile communication antenna device. (December 27, 1996; Japan).

2990/Mas/97. Mobil Oil Corporation. Method for recovering gas from hydrates. (December 26, 1996; U.S.A.).

2991/Mas/97. The Dow Chemical Company. Recovery of of anhydrous acids. (December 26, 1996; U.S.A.).

2992/Mas/97. Toray Industries Inc. Liquid crystalline resin and molded product thereof. (December 25, 1996; Japan).

2993/Mas/97. Kimberly-Clark Worldwide, Inc. Improved cloth-like liquid-impervious, breathable composite barrier fabric. (December 27, 1996; U.S.A.).

2994/Mas/97. Fuji Chemical Industry Co., Ltd. An anti-bacterial and antifungal composition. (December 27, 1996; Japan).

2995/Mas/97. Mitsubishi Denki Kabushiki Kaisha. Apparatus and method for fabricating panel with functional film and the panel.

2996/Mas/97. University of Massachusetts and Smith & Nephew, Inc. Minimally invasive surgical apparatus and method.

The 26th December 1997

2997/Mas/97. Toray Industries Inc. Production of optically active ketone. (December 28, 1996; Japan).

2998/Mas/97. The Dow Chemical Company. Polyester blends. (December 31, 1996; U.S.A.).

2999/Mas/97. The Dow Chemical Company. Hydroxy-functionalized polyester and poly (ester ether) oligomers. (December 31, 1996; U.S.A.).

3000/Mas/97. The Dow Chemical Company. Process for the direct oxidation of olefins to olefin oxides.

3001/Mas/97. The Dow Chemical Company. Process for the direct oxidation of olefins to olefin oxides.

3002/Mas/97. The Dow Chemical Company. Process for the direct oxidation of olefins to olefin oxides.

3003/Mas/97. Samsung Electronics Co. Ltd. Refrigerator capable of displaying a status thereof when electrical power has been interrupted and re-supply. (December 30, 1996; Korea).

3004/Mas/97. Kabushiki Kaisha Kobe Seiko Sho. Production method of metallic iron. (December 27, 1996; Japan).

3005/Mas/97. Zeneca Limited. Novel water-in-oil microencapsulation process and microcapsules produced thereby.

The 29th December 1997

3006/Mas/97. Dr. Sridhar K. K. Extra vascular valve.

3007/Mas/97. The Dow Chemical Company. Laminate structures for fuel containers. (December 31, 1996; U.S.A.).

3008/Mas/97. The Dow Chemical Company. Polymer composite and a method for its preparation. (December 31, 1996; U.S.A.).

3009/Mas/97. MI Woods Inc. Disposable pad and method. (December 31, 1996; U.S.A.).

3010/Mas/97. Incure Corporation. Fluid assist valve-gate bushing with concentric pin members. (December 31, 1996; U.S.A.).

3011/Mas/97. Finish Group Ltd. Versatile Modular office partitions.

3012/Mas/97. Magneti Marelli S.p.A. Carburation unit. (December 31, 1996; Italy).

The 30th December 1997

3013/Mas/97. Bharat Dynamics Limited. An out door stimulator for training in missile launching and guidance.

3014/Mas/97. Seetharaman. Mosquito repellent coil separator.

3015/Mas/97. Devulapalli Prem Kumar and Jagdish Prejibhai Parmar. A method for reducing electrical energy consumption in textile spinning mills.

3016/Mas/97. Widia (India) Ltd. A CVD process for producing ternary and quaternary coatings.

3017/Mas/97. Thadathil Krishnan Vijayarajan. MTP voice recorder meant for permanently recording and preserving the voice from telephone in a separate tape recorder.

3018/Mas/97. Chevron U.S.A. Inc. A process for preparing zeolites using substituted-piperidinium cations. (December 31, 1996; U.S.A.).

3019/Mas/97. Chevron U.S.A., Inc. Zeolite SSZ-45. (December 31, 1996; U.S.A.).

3020/Mas/97. Chevron U.S.A., Inc. Zeolite SSZ-47. (December 31, 1996; U.S.A.).

3021/Mas/97. Chevron U.S.A., Inc. Zeolite SSZ-43. (December 31, 1996; U.S.A.).

3022/Mas/97. Chevron U.S.A. Inc. Zeolite SSZ-48. (December 31, 1996; U.S.A.).

3023/Mas/97. Kimberly-Clark Worldwide, Inc. Controlled coverage additive application. (December 12, 1996; U.S.A.).

3024/Mas/97. Brown & Williamson tobacco Company. Smokeless method and article utilizing catalytic heat source for controlling products of combustion. (December 30, 1996; U.S.A.).

3025/Mas/97. The Ingersoll Milling Machine Company. High speed hydrostatic spindle. (December 31, 1996; U.S.A.).

3026/Mas/97. Dravo Lime Company. Aqueous alkaline earth nitrate fertilizer composition and process for making the same. (February 18, 1997; U.S.A.).

3027/Mas/97. Mitsubishi Heavy Industries, Ltd. A power generation method and an apparatus thereof.

3028/Mas/97. Vallourec Composants Automobiles Vitry. Method for pressing a cylindrical part into a tubular part in a cruciform arrangement, tooling for implementing it, and corresponding assembly of two parts. (December 31, 1996; France).

31st December, 1997

- 3029/Mas/97. Ajay Kumar Dixit; Amit Agarwal & Ravindra Kumar Agarwal. A novel process for the extraction of HCA lactone from garcinia SPI, and its conversion to calcium salt of hydroxy citric acid, an anti-obesity drug.
- 3030/Mas/97. Reckitt & Colman Products Ltd. Abrasive cleaning compositions. (December 31, 1996; United Kingdom).
- 3031/Mas/97. Reckitt & Colman Products Ltd. Sprayable abrasive cleaning compositions. (December 31, 1996; United Kingdom).
- 3032/Mas/97. Standard Research and Designs Corporation. Frame brace universal mounting bracket assembly. (January 2, 1997; U.S.A.).
- 3033/Mas/97. Allied Colloids Ltd. Processes of making paper and materials for use in this. (December 31, 1996; U.S.A.).
- 3034/Mas/97. Schreiber Foods, Inc. Apparatus and rotating cutting head for producing food shreds of predetermined dimensions.
- 3035/Mas/97. Wartsila NSD France SA. Method and installation for recovering heat in the air supercharging an engine. (December 31, 1996; France).
- 3036/Mas/97. Zetek Corporation. Pressurized, integrated electrochemical converter energy system. (December 31, 1996; U.S.A.).
- 3037/Mas/97. Vesuvius Crucible Co. Apparatus and method for measuring the depth of molten steel and slag. (January 2, 1997; U.S.A.).

1st January, 1998

- 1/Mas/98. Sendhamanglam Parthasarathy Gopalkrishna. Sun-visor-cum-burglar proof wind-shield cover lock.
- 2/Mas/98. Sendhamanglam Parthasarathy Gopalkrishnan. Instant-fix tax token holder.
- 3/Mas/98. F. Hoffmann-La Roche AG. Tricyclic benzofuroisindoles and benzofuroisquinolines. (January 8, 1997; Europe).
- 4/Mas/98. Nokia Telecommunications Oy. Localised special services in a mobile communications system (January 3, 1997; Finland).
- 5/Mas/98. Nokia Telecommunications Oy. Method for repeater management. (January 3, 1997; Finland).
- 6/Mas/98. Nokia Telecommunications Oy. Routing a short message reply. (January 3, 1997; Finland).
- 7/Mas/98. Bionicsure Incorporated. Analogs of parathyroid hormone. (March 7, 1997; U.S.A.).
- 8/Mas/98. Norton Company. Production of patterned abrasive surfaces. (January 7, 1997; U.S.A.).
- 9/Mas/98. Norton Company. Rotogravure process for production of patterned abrasive surface. (January 8, 1997; U.S.A.).

2nd January, 1998

- 10/Mas/98. Thirumalai Anandampillai Vijayan. An improved air cooler.
- 11/Mas/98. Texas Instruments India Ltd. and Texas Instruments Incorporated. Semiconductor device with protection circuitry and method.
- 12/Mas/98. Texas Instruments India Ltd. Circuit for generating a power-up configuration pulse.
- 13/Mas/98. Akzo Nobel N.V. Liquid gonadotropin containing formulations.
- 14/Mas/98. Akzo Nobel N.V. 16-hydroxy-11-(substituted phenyl)-estra-4, 9-diene derivatives.

- 15/Mas/98. Scientific Research Institute of Steel (NII STALI). Turret with combined laminated armouring.

- 16/Mas/98. Nabil H. Frangie. Electrical machine. (January 3, 1997; France).

5th January, 1998

- 17/Mas/98. (1) Walter Thomas Reichle, (2) Xinmin Yang & (3) Fredrick John Karol. Catalyst composition for the production of olefin polymers. (January 10, 1997; United States of America).
- 18/Mas/98. Union Carbide Chemicals & Plastics Technology Corporation. Olefin polymerization catalyst composition having increased activity. (January 10, 1997; United States of America).
- 19/Mas/98. Union Carbide Chemicals & Plastics Technology Corporation. Method of controlling olefin polymerization catalyst composition activity. (January 10, 1997; United States of America).
- 20/Mas/98. British Telecommunications Public Ltd. Co. Intelligent networks. (January 15, 1997; Great Britain).
- 21/Mas/98. Qualcomm Incorporated. Method and apparatus for preventing message collisions in a half-duplex communication system. (January 8, 1997; United States of America).
- 22/Mas/98. Hoechst Aktiengesellschaft. Preparation of concealed taste preparations of antibacterially active quinolone derivatives. (January 24, 1997; Germany).
- 23/Mas/98. Samsung Electronics Co. Ltd. Apparatus and method for controlling a compressor in a refrigerator. (January 8, 1997; Korea).
- 24/Mas/98. Samsung Electronics Co. Ltd. Apparatus and method for testing belt tension of a belt drive. (January 30, 1997; Korea).
- 25/Mas/97. Samsung Electronics Co. Ltd. Part supplying apparatus. (January 31, 1997; Korea).
- 26/Mas/97. Nokia Telecommunications Oy. Medium penetration call announcement in telecommunications system (January 7, 1997; Finland).
- 27/Mas/98. Sumika Fine Chemicals Co. Ltd. Process for preparing 4-methyl-2-cyanobiphenyl. (January 8, 1997; Japan).
- 28/Mas/98. Nokia Telecommunications Oy. Method and arrangement for handling subscriber data. (January 7, 1997; Finland).
- 29/Mas/98. Garfield International Investments Ltd. Treatment of water. (January 9, 1997; South Africa).

6th January, 1998

- 30/Mas/98. Dr. Jose Thaikattil. An improved pressure cooker.
- 31/Mas/98. Dr. Jose Thaikattil. Pressure cooker.
- 32/Mas/98. B. Kumlar Palanichamy. Tamil-soft ware, Tanglish.
- 33/Mas/98. British-American Tobacco Co. Ltd. Smoking articles. (January 28, 1997; Germany).
- 34/Mas/98. Amsted Industries Incorporated. Railway truck sideframe with internal ribs in bottom member. (January 14, 1997; U.S.A.).
- 35/Mas/98. Hoechst Aktiengesellschaft. Five-membered heterocycles having biphenylbenzyl substitution, process for their preparation, their use as a medicament or diagnostic, and medicament comprising them. (January 22, 1997; Germany).

36/Mas/98. Rhone-Poulenc Chimie. A process or reduction of a caronyl compound. (January 6, 1997; France).

37/Mas/98. MedSafe ASA. Needle retracting needle holder and syringe. (January 9, 1997; Norway).

38/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Program data rewriting device.

7th January, 1998

39/Mas/98. Linde Aktiengesellschaft. Catalytic removal of acetylene separation of air. (January 10, 1997; Germany).

40/Mas/98. AT&T Corp. Optical transceiver using common optical path for transmission and reception.

41/Mas/98. Kabushiki Kaisha Toshiba. Fluid compressor. (January 10, 1997; Japan).

42/Mas/98. Novo Nordisk A/S. Phytase combinations. (January 9, 1997; Denmark).

43/Mas/98. Timothy Charles Woodhouse. Fluid pump. (January 8, 1997; United Kingdom).

44/Mas/98. Volkswagen Aktiengesellschaft. CPKD Vehicle body.

45/Mas/98. The Chemithon Corporation. Method and apparatus for producing gaseous sulfur trioxide. (January 24, 1997; U.S.A.).

46/Mas/98. Maschinenfabrik Rieter AG. Bobbin chuck.

8th January, 1998

47/Mas/98. India Nippon Electricals Ltd. An ignition coil for use in internal combustion engines.

48/Mas/98. Chitra Trium Institute for Medical Sciences and Technology. A radiopaque dental paste.

49/Mas/98. Saes Getters S.p.A. Frittable evaporable getter device having a high yield of barium. (January 10, 1997; Italy).

50/Mas/98. Saes Getters S.p.A. Evaporable getter device with reduced time of activation. (January 10, 1997; Italy).

51/Mas/98. Saes Getters S.p.A. Evaporable getter device with reduced time of activation. (January 30, 1997; Italy).

52/Mas/98. Farmila Farmaceutica Milano. Pharmaceutical and alimentary compositions containing bacteria of the genus acetobacter. (January 8, 1997; Italy).

53/Mas/98. Hoechst Aktiengesellschaft. Process for preparing aldehydes by hydroformylation of olefinic compounds having from 3 to 5 atoms in the presence of an aqueous catalyst phase. (January 13, 1997; Germany).

54/Mas/98. Hoechst Aktiengesellschaft. Process for preparing aldehydes in the presence of an aqueous phase comprising rhodium and sulfonated triarylphosphines as catalyst. (January 13, 1997; Germany).

55/Mas/98. Hoechst Aktiengesellschaft. Antibodies which bind to the nitrogen-binding domain of luminin, their preparation and use. (January 17, 1997; Germany).

56/Mas/98. Iscar Ltd. Modular cutting tool assembly.

57/Mas/98. F. Hoffmann-La Roche AG. 5-arylnaphthalene derivatives. (January 28, 1997 United States of America).

58/Mas/98. Hoffman La Roche AG. 8-substituted-1, 3, 8-triaza-spiro [4, 5] decan 4-on derivatives. (January 30, 1997; Europe).

59/Mas/98. Howard I. Podell; David L. Podell and Albert Goldstein. Adhesive bandages, wound dressing, sutures, drapes, orthodontic rubber bands, tooth-brushes and the like.

60/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Engine control apparatus. (April 30, 1997; Japan).

61/Mas/98. Societe Des Produits Nestle S.A. Texturing agent. (January 14, 1997 U.S.A.).

9th January, 1998

62/Mas/98. V. V. Thanga Thiruppathy. Steel reinforced new design automotive tyre.

63/Mas/98. Qualcomm Incorporated. Method and apparatus for performing mobile assisted hard handoff between communication systems. (January 15, 1997; U.S.A.).

64/Mas/98. Qualcomm Incorporated. High data-rate supplemental channel for CDMA telecommunications system. (January 15, 1997; U.S.A.).

65/Mas/98. Novartis AG. Tachykinin Antagonists. (January 14, 1997; Great Britain).

66/Mas/98. Institut Francais Du Pétrole. Direct turn separator for particles in a gaseous mixture and its use for fluidised bed thermal or catalytic cracking. (January 13, 1997; France).

67/Mas/98. The Dow Chemical Co. Melt polymerization process for preparing aromatic polyesters. (January 15, 1997; U.S.A.).

68/Mas/98. Shimano Inc. A bicycle derailleur shifting mechanism having indexing configured for use with variety of chain sprocket sets. (January 13, 1997; U.S.A.).

69/Mas/98. Ashland Inc. Extended engine coolant lifetime through polymeric polycarboxylate secondary stabilizer. (January 10, 1997; U.S.A.).

12th January, 1998

70/Mas/98. Koncherry Coir Factories. Jumbo-rope mat.

71/Mas/98. Asea Brown Boveri AG. Resistor which is designed in the form of a column and is resistant to high current, in particular a varistor on a metal-oxide base, and method for producing such a resistor. (January 16, 1997; Germany).

72/Mas/98. Shimano Inc. Electrical shift control device for a bicycle transmission. (January 14, 1997; Japan).

73/Mas/98. Saint-Gobain Industrial Ceramics Inc. Explosive fragmentation process. (January 17, 1997; U.S.A.).

74/Mas/98. Archer Daniels Midland Co. Gasket and apparatus for electrodeionization. (January 17, 1997; United States of America).

75/Mas/98. Senju Pharmaceutical Co. Ltd. Aqueous suspension for nasal administration. (January 16, 1997; Japan).

76/Mas/98. Caterpillar Inc. An engine having a passage being in communication with a pair of bores.

77/Mas/98. Indian Herbs Research and Supply Co. A novel herbal composition having adaptogenic, antistress & immunomodulatory activity.

78/Mas/98. Indian Herbs Research and Supply Co. A novel herbal broad spectrum antimicrobial dermatological composition.

79/Mas/98. Indian Herbs Research and Supply Co. A novel herbal hepatoprotective and antihepatotoxic composition.

13th January, 1998

80/Mas/98. S. S. Bhandiwad. Decolourisation technology or industrial effluents.

- 81/Mas/98. Widia (India) Ltd. A CVD coating of thermally treated substrates.
- 82/Mas/98. Widia (India) Ltd. Enhanced adherence of diamond coating.
- 83/Mas/98. Indian Space Research Organisation. A process for manufacturing ceramic whisker preforms and whisker preforms made thereby.
- 84/Mas/98. Raychem Corporation. Insulated electrical conductors. (January 14, 1997; U.S.A.).
- 85/Mas/98. Firma Holson GMBH. Album page. (January 24, 1997; Germany).
- 86/Mas/98. Nokia Telecommunications OY. Determination of service situation in packet radio network. (January 20, 1997; Finland).
- 87/Mas/98. Hoechst Aktiengesellschaft. Nucleic acid construct for expressing active substances, which can be activated by proteases and preparation and use. (January 16, 1997; Germany).
- 88/Mas/98. British Telecommunications Public Limited Company. Telephone exchange. (January 15, 1997; Great Britain).
- 89/Mas/98. British Telecommunications Public Limited Company. Data access control. (January 20, 1997; Great Britain).
- 15th January, 1998
- 90/Mas/98. Dr. Thiraviaraj Perumal Nader. A surgical needle.
- 91/Mas/98. E. I. D. Parry (India) Ltd. Upgradation of monocrotophos.
- 92/Mas/98. Modine Manufacturing Company. Evaporator/condenser for a heat pump (January 24, 1997; U.S.A.).
- 93/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Hands-free telephone. (May 16, 1997; Japan).
- 94/Mas/98. Kuster & Co. GmbH. Window-lifter drive for a manual cable-operated window lifter. (January 15, 1997; Germany).
- 95/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Voltage monolinear resistor and lightning arrester. (March 21, 1997; Japan).
- 96/Mas/98. Ferostaal Aktiengesellschaft. Process and device for the direct reduction of fine ore. (February 2, 1997; Germany).
- 16th January, 1998
- 97/Mas/98. Panduit Corp. Wire preparation tool. (March 26, 1997; U.S.A.).
- 98/Mas/98. Smithkline Beecham PLC. Composition (January 18, 1997; Great Britain).
- 99/Mas/98. Archer Daniels Midland Company. Electrolysis apparatus. (January 17, 1997; U.S.A.).
- 100/Mas/98. The Dow Chemical Company. A polyurethane latex pressure adhesive and process for making same. (January 16, 1997; U.S.A.).
- 101/Mas/98. Medicorp R & D Benelux S.A. Luminal Endoprosthesis for ramification. (January 16, 1997; Belgium).
- 102/Mas/98. Hoechst Trevira GMBH & Co. KG. Drawn polyester yarn for reinforcement of elastic structures. (January 17, 1997; Germany).
- 103/Mas/98. BASF Aktiengesellschaft. 4-(3-hetero-cyclyl-1-benzoyl) pyrazoles (January 17, 1997; Germany).
- 104/Mas/98. BASF Aktiengesellschaft. 3-hetero-cyclyl-substituted benzoyl derivatives. (January 17, 1997; Germany).
- 105/Mas/98. F. Hoffmann La Roche AG. Sulfamide-metalloprotease inhibitors. (January 23, 1997; United States of America).
- 106/Mas/98. SMS Schloemann-Siemag Aktiengesellschaft. Method and apparatus for high-speed continuous casting plants with a strand thickness reduction during solidification.
- 107/Mas/98. SMS Schloemann-Siemag Aktiengesellschaft. Method and apparatus for producing thin slabs in a continuous casting plant.
- The 19th January, 1998
- 108/Mas/98. Dr. Chembunkulam Sreedharan Bhaskaran Nair. A novel system for the collection of blood and blood component separation.
- 109/Mas/98. (1) Unniparambath Chandrasan; (2) Edathuruthikaran Joseph Anto; (3) Chathangal Cheroolil Gopalakrishnan; (4) Sreedharan Nair Krishnan Nair; (5) Gangadharan Dharan. Building brick composite & briks from acidic iron oxide waste from TiO_2 industry and methods and steps of making and using the same.
- 110/Mas/98. Nokia Telecommunications OY. Reduction of signalling load in packet radio network. (January 20, 1997; Finland).
- 111/Mas/98. YKK Corporation. Slider of slide fastner with automatic locking mechanism (January 31, 1997; Japan).
- 112/Mas/98. Qualcomm Incorporated. Method and apparatus for performing financial transactions using a mobile communication unit. (January 30, 1997; U.S.A.).
- 113/Mas/98. Qualcomm Incorporated. Pilot based transmit power control. (January 31, 1997; U.S.A.).
- 114/Mas/98. GCB Technologies LLC. Improved leadframe structure with locked inner leads and process for manufacturing same. (January 30, 1997; U.S.A.).
- 115/Mas/98. GCB Technologies, LLC. Improved leadframe structure with preplated leads and process for manufacturing same. (January 30, 1997; U.S.A.).
- 116/Mas/98. GNB Technologies Inc. Sealed lead-acid cells and batteries. (January 21, 1997; U.S.A.).
- 117/Mas/98. Halder Topsce A/S. Synthesis gas production by steam reforming using catalyzed hardware. (January 22, 1997; U.S.A.).
- 118/Mas/98. Nokia Telecommunications OY. Routing area updating in packet radio network. (January 20, 1997; Finland).
- 119/Mas/98. Nokia Telecommunications OY. Douting area updating in packet radio network. (January 20, 1997; Finland).
- 120/Mas/98. Alfred Borne Kunststoff and Metallwarenfabrik GmbH. Kitchen apparatus for cutting food, especially fruit vegetables or potatoes, into slices. (January 20, 1997; Germany).
- The 20th January, 1998
- 121/Mas/98. Antony Fernandez. Hydraulically propelled mini car.
- 122/Mas/98. Societe Des Produits Nestle S. A. Aromatization of beverage powders. (January 29, 1997; U.S.A.).
- 123/Mas/98. Glynwed Pipe Systems Limited. Rail pad. (March 14, 1997; Great Britain).
- 124/Mas/98. Sumika Fine Chemicals Co., Ltd. Process for preparing 2-cyanobiphenyl compound. (January 21, 1997; Japan).
- 125/Mas/98. Petroleo Brasileiro SA - Petrobras. Heating system for tanks for storing liquid products. (January 21, 1997; Brazil).

- 126/Mas/98. F. Hoffmann-La Roche AG. Isomerisation process. (February 14, 1997; Europe).
- 127/Mas/98. F. Hoffmann-La Roche AG. Manufacture of oxazole derivatives. (February 13, 1997; Europe).
- 128/Mas/98. Canon Kabushiki Kaisha. Solar cell array and solar power generation apparatus using it. (January 21, 1997; Japan).
- 129/Mas/98. Hoechst Research & Technology Deutschland GMBH & Co. KG. Catalyst for halex reactions. (January 23, 1997; Germany).
- 130/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Vehicle generator controller. (May 26, 1997; Japan).
- 131/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Vehicle generator controller. (May 13, 1997; Japan).

The 21st January, 1998

- 132/Mas/98. Asea Brown Boveri AG. Bilaterally controllable thyristor. (May 22, 1997; Germany).
- 133/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Mobile communication system. (July 14, 1997; Japan).
- 134/Mas/98. Mannesmann Aktiengesellschaft. Guiding means for continuous castings, in particular for a continuous slab-casting plant. (January 27, 1997; Germany).
- 135/Mas/98. Globalstar LP. Satellite telephone interference avoidance system. (February 6, 1997; United States of America).
- 136/Mas/98. British Telecommunications Public Limited Company. Communications network. (January 22, 1997; Great Britain).
- 137/Mas/98. Essex Specialty Products Inc. Polyurethane sealant compositions. (January 29, 1997; U.S.A.).
- 138/Mas/98. Vinnolit Monomer GmbH & Co. KG. Process for working up 1, 2-dichloroethane from ovichlorination. (February 3, 1997; Germany).

The 22nd January, 1998

- 139/Mas/98. Dr. Nayana Pardeep. Obtaining Refined edible oil & distilled free fatty acids from crude (solvent extracted) rice bran oil.
- 140/Mas/98. Indian Herbs Research and Supply Co. A novel herbal anti-bloat composition.
- 141/Mas/98. Indian Herbs Research and Supply Co. A novel herbal uterine stimulant & ecobolic composition for ruminants.
- 142/Mas/98. Aluminium Pechiney. A process for the production of storage resistant particles. (January 22, 1997; France).
- 143/Mas/98. Smithkline Beecham Biologicals s a. Novel device. (January 24, 1997; United Kingdom).
- 144/Mas/98. BIC Corporation. Utility lighter. (January 22, 1997; United States of America).
- 145/Mas/98. Allied Colloids Limited. Polymeric compositions and their production and uses.
- 146/Mas/98. Allied Colloids Limited. Polymeric compositions and their production and uses.
- 147/Mas/98. Sharp Kabushiki Kaisha. Programmable display device. (January 23, 1997; Japan).
- 148/Mas/98. Novus International Inc. Process for the preparation of mercaptan addition products. (January 23, 1997; U.S.A.).
- 149/Mas/98. Cornell Research Foundation Inc. d-methadone, a nonopioid analgesic. (January 22, 1997; United States of America).

- 150/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Injection controlling apparatus for an internal combustion engine. (July 8, 1997; Japan).
- 151/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Fuel supply pump. (July 29, 1997; Japan).

The 23rd January, 1998

- 152/Mas/98. The Dow Chemical Company. Polymers containing highly grafted rubbers. (January 24, 1997; U.S.A.).
- 153/Mas/98. Frontier Inc. Biaxial stretch-molding apparatus.
- 154/Mas/98. Hoechst Aktiengesellschaft. Isoxazole and crotonamide derivatives and their use as pharmaceuticals and diagnostics. (January 28, 1997; Germany).
- 155/Mas/98. SMS Schloemann-Siemag Aktiengesellschaft. Planarity measuring roller. (February 6, 1997; Germany).
- 156/Mas/98. University of Strathclyde. Use of stereoisomers of calendula glycosides for the treatment of psoriasis. (January 24, 1997; Great Britain).
- 157/Mas/98. Novo Nordisk A/S. Synthetic leader peptide sequences. (January 24, 1997; Denmark).
- 158/Mas/98. Commonwealth Scientific and Industrial Research Organisation and University of Technology. Improvements in high speed electric motors. (January 24, 1997; Australia).
- 159/Mas/98. Square D Company. Arcing fault detection system. (January 24, 1997; U.S.A.).

The 27th January, 1998

- 160/Mas/98. Premier Industrial Drives Private Limited. An automatic loading device for a wet grinder/food processor.
- 161/Mas/98. DSM NV. Process for preparing urea. (January 29, 1997; The Netherlands).
- 162/Mas/98. British Telecommunications Public Limited Company. Communications System. (January 27, 1997; Great Britain).
- 163/Mas/98. British Telecommunications Public Limited Company. Managing Operation of servers in a distributed computing environment. (January 28, 1997; United Kingdom).
- 164/Mas/98. Widia GMBH. Hard metal - or cermet sinter body and method for its manufacture.
- 165/Mas/98. Borealis A/S. New homogeneous olefin polymerization catalyst compositions. (January 28, 1997; Finland).
- 166/Mas/98. B. G. Narayana Bhat. Sprayer (Boardo mixture) for areca tree named "SURAKSHA".

The 28th January, 1998

- 167/Mas/98. R. Ravi Kumar. Dish washing machine.
- 168/Mas/98. Borealis A/S. Substituted metallocene compounds for olefin polymerization catalyst systems, their intermediates and methods for preparing them. (January 28, 1997; Finland).
- 169/Mas/98. The Nutrasweet Company. Improved method for preparing and purifying an N-alkylated aspartame derivatives. (January 29, 1997; United States of America).
- 170/Mas/98. Enichem S p A. Process for the production of expandable particles of styrene polymers. (January 30, 1997; Italy).
- 171/Mas/98. Amsted Industries Incorporated. Ring seat removal system for a railcar articulated connector. (January 30, 1997; U.S.A.).

- 172/Mas/98. The Dow Chemical Company. Heteromorphic polymer compositions. (January 29, 1997; U.S.A.).
- 173/Mas/98. Hoogovens Staal BV. Refractory wall, metallurgical vessel comprising such a refractory wall and method in which such a refractory wall is applied. (January 29, 1998; Netherland).
- 174/Mas/98. Dynamit Nobel GmbH Explosivstoff-Und Systemtechnik. Sealing arrangement for a compressed-gas container. (January 28, 1997; Germany).
- 175/Mas/98. Casttikum Research Pty. Ltd.; (2) Commonwealth Scientific and Industrial Research Organisation and (3) University of Technology. Improvements in high speed rotor shafts. (January 29, 1997; Australia).
- 176/Mas/98. Brita Water Filter Systems Limited. A water filter jug. (January 28, 1997; United Kingdom).
- 177/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Mobile Communication system.
- 178/Mas/98. Qualcomm Incorporated. Method and apparatus for performing soft hand-off in a wireless communication system. (January 29, 1997; U.S.A.).
- 179/Mas/98. BASF Aktiengesellschaft. Purification of ethylene oxide by distillation. (January 31, 1977; Germany).
- 180/Mas/98. Akzo Nobel N.V. Treatment of urinary incontinence.
- 181/Mas/98. Akzo Nobel N.V. Peroxide compositions with improved safety characteristics.
- 182/Mas/98. Novo Nordisk A/S. Use of 3, 4-diphenyl chromans for the manufacture of a pharmaceutical composition for inhibiting one or more psychiatric disorders. (January 29, 1997; Denmark).
- 183/Mas/98. Novo Nordisk A/S. Use of 3, 4-diphenyl chromans for the manufacture of a pharmaceutical composition for inhibiting senescence-associated motor impairment. (January 29, 1997; Denmark).
- 184/Mas/98. Novo Nordisk A/S. Use of 3, 4-diphenyl chromans for the manufacture of a pharmaceutical composition for increasing the libido in post-menopausal women. (January 29, 1997; Denmark).
- 185/Mas/98. Nathan Senthilvel. Energy magnets for endless motion.
- 186/Mas/98. H. S. Nagraj. Digital automatic tyre inflator model : SETAIR-964.

The 29th January 1998

- 187/Mas/98. Dr. Reddy's Research Foundation. Novel alkanolic acids and their use in medicine; process for their preparation & pharmaceutical compositions containing them.
- 188/Mas/98. Graham Engineering Corporation. Rotary blow molding machine and method. (February 12, 1997; U.S.A.).
- 189/Mas/98. BASF Aktiengesellschaft. Solid mixtures based on sulphonylureas and adjuvants. (January 30, 1997; Germany).
- 190/Mas/98. F. Hoffmann-La Roche AG. Tetrahydrolipstatin containing compositions. (February 5, 1997; U.S.A.).
- 191/Mas/98. Hoechst Schering EgrEvo GmbH. Herbicidal 3-arylamino-6-trifluoromethyluracils. (February 11, 1997; Germany).
- 192/Mas/98. Clark Curtis Williams; Mark Gregory Goode and Arakalgud Venkatapathia Ramamurthy. Improved control of solution catalyst droplet size with an effervescent spray nozzle. (February 19, 1997; U.S.A.).

- 193/Mas/98. Clark Curtis William and Timothy Roger Lynn. Improved control of solution catalyst droplet size with a perpendicular spray nozzle. (February 19, 1997; U.S.A.).
- 194/Mas/98. Clark Curtis Williams; Timothy Roger Lynn; Mark Gregory Goode and Robert Converse Brady. Production of polyolefins of controlled particle size. (February 19, 1997; U.S.A.).
- 195/Mas/98. Fox Enterprises Inc. and Jet City Electronics. Programmable, crystal oscillator. (February 5, 1997; United States of America).
- 196/Mas/98. Qualcomm Incorporated. Method and apparatus for using state determination to control functional elements in digital telephone systems. (January 31, 1997; U.S.A.).
- 197/Mas/98. Mitsubishi Heavy Industrial Ltd. Flue gas treating process and apparatus.
- 198/Mas/98. Orad Hi-Tec Systems Limited. Virtual studio position sensing system. (February 1, 1997; Great Britain).

The 2nd February, 1998

- 199/Mas/98. Karnad Ravindra. Remote control of appliances/equipment using audio-frequency signals over a telephone network.
- 200/Mas/98. Barmag AG. False twist texturing machine. (February 4, 1997; Germany).
- 201/Mas/98. Norton Chemical Process Products Corporation. Improved mass transfer device. (February 5, 1997; U.S.A.).
- 202/Mas/98. Canon Kabushiki Kaisha. Wafer processing apparatus, wafer processing method and SOI wafer fabrication method. (February 4, 1997; Japan).
- 203/Mas/98. Canon Kabushiki Kaisha. Wafer processing apparatus and method, wafer convey robot, semiconductor substrate fabrication method and fabrication apparatus. (February 4, 1997; Japan).
- 204/Mas/98. Toray Industries, Inc. A polypropylene film and a capacitor using it as a dielectric. (May 12, 1997; Japan).
- 205/Mas/98. Mitsubishi Chemical Corporation. Antiviral agents. (January 31, 1997; Japan).
- 206/Mas/98. British Telecommunications Public Limited Company. Information retrieval. (January 30, 1997; Great Britain).
- 207/Mas/98. British Telecommunications Public Limited Company. Voice-data interface. (February 5, 1997; Great Britain).

The 3rd February, 1998

- 208/Mas/98. Nathan Senthilvel. Magnetic lenses concave and convex (MACAVEX).
- 209/Mas/98. Rohini Kumar Vemula. A method for separating wax from waste paper.
- 210/Mas/98. P. N. Bhaskaran Nair. An elastic fastening device.
- 211/Mas/98. Asea Brown Boveri AB. Power transformer inductor. (February 3, 1997; Sweden).
- 212/Mas/98. Asea Brown Boveri AB. Power Transformer/reactor. (February 3, 1997; Sweden).
- 213/Mas/98. Asea Brown Boveri AB. Winding in transformer or inductor. (February 3, 1997; Sweden).
- 214/Mas/98. Hoechst Schering Agrovet GMBH. 2, 4-diamino-1, 3, 5-triazines, their preparation and their use as herbicides and plant growth regulators. (February 10, 1997; Germany).

- 215/Mas/98. Hoechst Aktiengesellschaft. Sulfonamide-substituted fused 7-membered ring compounds, their use as a medicament, and pharmaceutical preparations comprising them. (February 26, 1997; Germany).
- 216/Mas/98. Thyssen France SA. Steel for cold forming. (February 4, 1997; France).
- 217/Mas/98. Mitsubishi Heavy Industries Ltd. Method and apparatus for the treatment of a desulfurization absorbing fluid. (February 5, 1997; Japan).
- 218/Mas/98. British Telecommunications Public Limited Company. Processor. (February 4, 1997; Great Britain).
- 219/Mas/98. Hoechst Aktiengesellschaft. Sulfonamide-substituted compounds, process for their preparation, their use as a medicament or diagnostic, and a medicament comprising them. (February 11, 1997; Germany).
- 220/Mas/98. Teratech Corporation. Multi-dimensional beam-forming device. (February 3, 1997; U.S.A.).
- 4-2-1998
- 221/Mas/Nokia Mobile Phones Ltd. Language-dependent letter input by means of number keys. (February 4, 1997; Finland).
- 222/Mas/98. Hoechst Aktiengesellschaft. Promoter of the human endoglin gene and its use. (February 6, 1997; Germany).
- 223/Mas/98. Canon Kabushiki Kaisha. Roof member and mounting method thereof. (February 5, 1997; Japan).
- 224/Mas/98. Mitutoyo Corporation. Reduced offset high accuracy induced current position transducer. (April 16, 1997; United States of America).
- 225/Mas/98. BASF Aktiengesellschaft. Solid mixtures based on sulfonyleureas and adjuvants. (February 5, 1997; Germany).
- 226/Mas/98. Ciba Specialty Chemicals Holding Inc. Process for the preparation of halogenated hydroxydiphenyl compounds. (February 5, 1997; Europe).
- 227/Mas/98. Ciba Specialty Chemicals Holding Inc. Process for the production of halogeno-o-hydroxydiphenyl compounds. (June 25, 1997; Europe).
- 5-2-1998
- 228/Mas/98. Schneider Electric S.A. A case for electrical switchgear and an electrical switchgear apparatus comprising such a case.
- 229/Mas/98. BASF Aktiengesellschaft. Removal of 6-amino-capronitrile from mixtures comprising 6-amino-capronitrile and an imine. (February 7, 1997; Germany).
- 230/Mas/98. BASF Aktiengesellschaft. Separation of 2-amino-methylcyclopentylamine from a mixture comprising hexamethylenediamine and 2-aminomethylcyclopentylamine. (February 7, 1997; Germany).
- 231/Mas/98. BASF Aktiengesellschaft. Separation of 2-amino-methylcyclopentylamine from a mixture comprising hexamethylenediamine and 2-aminomethylcyclopentylamine. (February 7, 1997; Germany).
- 232/Mas/98. BASF Aktiengesellschaft. Hydrogenation of imines and enamines. (February 7, 1997; Germany).
- 233/Mas/98. BASF Aktiengesellschaft. Separation of an imine from a mixture comprising an amine and an imine. (February 7, 1997; Germany).
- 234/Mas/98. BASF Aktiengesellschaft. Removal of 6-amino-capronitrile from mixtures comprising 6-amino-capronitrile and a nimine. (February 7, 1997; Germany).
- 235/Mas/98. BASF Aktiengesellschaft. Recovery of hexamethylenediamine from mixtures containing same. (February 7, 1997; Germany).
- 236/Mas/98. Crown Cork & Seal Technologies Corporation. Can ends. (February 7, 1997; Great Britain).
- 237/Mas/98. Novartis AG. Oxacarbazepine film-coated tablets.
- 238/Mas/98. Hoechst Aktiengesellschaft. Use of pyrimidine derivatives for the prevention of cancer, on their own or in combination with other therapeutic measures. (March 13, 1997; Germany).
- 239/Mas/98. Hoechst Aktiengesellschaft. Ortho-substituted benzoylgonitridines, process for their preparation, their use as a medicament or diagnostic, and medicament comprising them. (April 1, 1997; Germany).
- 240/Mas/98. F. Hoffmann-La Roche AG. Light screening agent. (March 3, 1997; Europe).
- 6-2-1998
- 241/Mas/98. Texas Instruments India Limited. A method for cleanly initializing anon-scan CPU core with emulation logic using only the JTAG port.
- 242/Mas/98. Dommaraju Krishna Mohan Raju. A rotary piston engine.
- 243/Mas/98. Maschinenfabrik Rieter AG. A carding or blow room machine with a suction apparatus for removing water material.
- 244/Mas/98. The Boots Company PLC. Therapeutic agents. (February 6, 1997; United Kingdom).
- 245/Mas/98. Saint-Gobain/Norton Industrial Ceramics Corporation. Novel ceramic igniter and method of using same.
- 246/Mas/98. British Telecommunications Public Limited Company. Information processing. (February 14, 1997; Great Britain).
- 247/Mas/98. SMH Management Services AG. Bar for attaching a watch wristlet and watch fitted with such a bar).
- 248/Mas/98. British Telecommunications Public Limited Company. Adaptive distributed information network. (February 6, 1997; United Kingdom).
- 249/Mas/98. Matsushita Electric Industrial Co. Ltd. Quantization matrix for still and moving picture coding. (February 8, 1997; Japan).
- 250/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Earth-leakage breaker. (April 15, 1997; Japan).
- 251/Mas/98. Cyberclass Limited. Animation system and method. (February 7, 1997; United Kingdom).
- 9-2-1998
- 252/Mas/98. Dr. S. Ramasamy and A.I.N. Khanna. A novel process of manufacturing black tea.
- 253/Mas/98. Cheminor Drugs Limited. An improved process for the preparation of N-(2,3-dihydro-1,4-benzodioxan-2-yl carbonyl) piperazine and its salt with hydrochloric acid.
- 254/Mas/98. F. Hoffmann-La Roche AG. Free-flowing dried particles.
- 255/Mas/98. Hoechst Aktiengesellschaft. Sulfonamide-substituted chromans, processes for their preparation, their use as medicament or diagnostic aid, and medicament comprising them. (February 20, 1997; Fed. Rep. of Germany).
- 256/Mas/98. Orange Personal Communications Services Limited. Data store. (February 11, 1997; United Kingdom).
- 257/Mas/98. Mitsui Chemicals Inc. Method of controlling the quality of terephthalic acid. (February 12, 1997; Japan).

258/Mas/98. Von Holdt, John W. Plastic bucket and lid. (February 10, 1997; U.S.A.).

10-2-1998

259/Mas/98. Widia GMBH. Drilling tool or milling tool and method for determining and absolute clearance angle of the flank regions of an insert.

260/Mas/98. Widia GMBH. Cutting tool for scalping type machining operations.

261/Mas/98. Widia GMBH. Cutting tool insert for drilling and drilling tool.

262/Mas/98. HER Majesty The Queen in Right of Canada as represented by the Department of Agriculture and Agri-Food Canada. Potatoes having improved quality characteristics and methods for their production. (February 10, 1997; U.S.A.).

263/Mas/98. North Star Technologies Ltd. Separation apparatus. (February 10, 1997; South Africa).

264/Mas/98. BIC Corporation. Reduced resistance device for producing ignition sparks. (February 10, 1997; U.S.A.).

265/Mas/98. Qualcomm Incorporated. Method and apparatus for forward link rate scheduling. (February 11, 1997; U.S.A.).

266/Mas/98. Bracco International B V. Process for the crystallization from a linear or branched (C5-C6) alcohol or their mixtures of (S)-N, N'-bis (2-hydroxyl-1-(hydroxymethyl) ethyl) 5-(2-hydroxyl-1-oxopropyl) amino-2, 4, 6-triiodo-1, 3-benzendicarboxamide.

267/Mas/98. Ifo Ceramics Aktiebelag. Electrical high-voltage insulator.

268/Mas/98. ECC International Inc. Coating composition for ink jet paper and a product thereof. (February 14, 1997; U.S.A.).

269/Mas/98. Honda Giken Kogyo Kabushiki Kaisha. Constant velocity universal joint. (February 10, 1997; Japan).

270/Mas/98. Japan Tobacco Inc. PCK-type C4 cycle. (February 10, 1997; Japan).

271/Mas/98. Shell Internationale Research Maatschappij BV. Process for the manufacture of carboxylic acids.

11-2-1998

272/Mas/98. Dr. Ravindran Shanmugam & Mr. Veeramani mariappan. Explosive powder mixing equipment.

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274/Mas/98. British Telecommunications Public Limited Company. Communicating between stations. (February 12, 1997; Great Britain).

275/Mas/98. Alfred Ransmayer & Albert Rodrian. Implant in particular tooth root implant. (February 11, 1997; Germany).

276/Mas/98. Montell North America Inc. Directly pointable thermoplastic olefin composition containing maleic anhydride-modified polyers.

277/Mas/98. Nokia Telecommunications OY. Handover in a mobile communications system. (February 18, 1997; Finland).

278/Mas/98. Mannesmann Aktiengesellschaft. Method of and arrangement for positioning the mouth of a consumable lance. (February 12, 1997; Germany).

279/Mas/98. Mizusawa Industrial Chemicals, Ltd. Method of producing activated clay and its use. (December 2, 1997; Japan).

280/Mas/98. Livernois Research & Development Company. Method and apparatus for assembling heat exchanger cores. (June 12, 1997; U.S.A.).

12th February 1998

281/Mas/98. Manjunath Shasthy. Finking System.

282/Mas/98. Lucas Industries Public Limited Company. A disc brake with a component such as pad assembly. (April 10, 1992; United Kingdom).

283/Mas/98. Hoechst Research & Technology Deutschland GmbH & Co. KG. Spherical polyester particles which can be crosslinked if desired at low temperatures, process for their preparation, and their use for powder coatings. (February 17, 1997; Germany).

284/Mas/98. Daewoo Electromes Co. Ltd. Automatic ice-maker for a refrigerator. (June 30, 1997; Rep. of Korea).

285/Mas/98. Smithkline Beecham Consumer Healthcare GmbH. Process.

286/Mas/98. Vermont American Corporation. Drill bit. (February 13, 1997; U.S.A.).

287/Mas/98. British Telecommunications Public Limited Co. Telecommunications networks. (February 14, 1997; Great Britain).

288/Mas/98. British Telecommunications Public Limited Co. Security systems. (February 17, 1997; Great Britain).

289/Mas/98. British Telecommunications Public Limited Co. Information system. (February 13, 1997; Great Britain).

290/Mas/98. British Telecommunications Public Limited Co. Optical scanning apparatus. (February 13, 1997; Great Britain).

13th February 1998

291/Mas/98. Sumitomo Electric Industries Ltd. Resin coating applicator for an optical fiber. (February 14, 1997; Japan).

292/Mas/98. Maschinenfabrik Reinhausen GmbH. Position reporting device. (February 14, 1998; Germany).

293/Mas/98. Andrew Corporation. Dual-reflector microwave antenna. (February 14, 1997; U.S.A.).

294/Mas/98. Ahlstrom Alcore OY. A structural ply of a paperboard core, a paperboard core made thereof, and a method of improving the stiffness of a paperboard core. (February 14, 1997; Finland).

295/Mas/98. Hoechst Research & Technology Deutschland GmbH & Co. KG. Colored coating composition in powder form. (February 17, 1997; Germany).

296/Mas/98. Hoechst Research & Technology Deutschland GmbH & Co. KG. Spherical, colored polyester particles, process for their preparation, and their use for powder coating. (February 17, 1997; Germany).

297/Mas/98. Cellular Telecom Ltd. Method and apparatus for wireless communication employing aggregation for digital signals. (February 11, 1997; U.S.A.).

298/Mas/98. Matsushita Electric Industrial Co. Ltd. Fluorescent lamp and metal halide lamp. (February 13, 1997; Japan).

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360/Mas/98. Qualcomm Incorporated. Method and apparatus for merging neighbour lists in a LCDMA mobile telephone system. (February 13, 1997; Britain).

301/Mas/98. Canon Kabushiki Kaisha. Data communication apparatus and method. (February 14, 1997; Japan).

ALTERATION OF DATE UNDER SECTION 16.

Patent No. 181871 (577/Mas/95) Ante-dated to 24th September, 1991.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में तथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों का अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अवायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 में गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकल्पन किया जा सकता है।

CI : I41D

181861

Int Cl. : C22B 1/16, 1/20.

A PROCESS FOR PRODUCING SINTERED IRON OXIDE CONTAINING MATERIAL ON A SINTERING MACHINE

Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF RETERWEG 14, D-6000 FRANKFURT AM MAIN, WEST GERMANY.

Inventors :

1. HERMANN SCHMIDT
2. HEIKO WEISEL
3. HANS-JOACHIM WERZ.

Application No. 650/Cal/92 filed on 9-9-92.

(Additional No. 72/Cal/92 on 3-2-92).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

A process for producing sintered iron oxide containing material on a sintering machine, said machine containing a sintering conveyor, wind boxes below said conveyor and a hood above said conveyor wherein,

a sinterable mixture which contains iron oxide and solid fuel is feed onto the sintering conveyor at the feed end of said conveyor and said sinterable mixture is ignited on the surface thereof,

oxygen-containing gases such as herein described are passed through the mixture and to said wind boxes,

exhaust gas is withdrawn from the wind boxes,

part of the exhaust gas is enriched in its oxygen content by an addition of a higher-oxygen gas such as herein described, and the enriched exhaust gas is then recirculated into the region below said hood and above said mixture as oxygen-containing recycle gas, and

the other part of the exhaust gas is removed from the process as tail gas, said tail gas consists of exhaust gas at a rate which corresponds to a sum of the rate at which gas is produced by the sintering process.

the rate at which said higher-oxygen gas is added for enriching and the rate at which inleaked air has infiltrated from the outside, minus the rate at which oxygen is consumed, and the recycle gas contains upto 24% by volume of oxygen,

characterised in that said tail gas is withdrawn from the wind boxes which are disposed under the sintering conveyor near its feed end

(Compl. Specn. 27 pages,

Drng 1 sheet.)

CI : 128 G

181862

Int. Cl. : G 01 N 29/00, A 61 B 8/00,
G 01 S 15/00.**AN APPARATUS FOR DIGITAL RECEIVE BEAMFORMING**

Applicant : (1) SIEMENS MEDICAL SYSTEMS, INC. OF 186 WOOD AVENUE SOUTH, ISELIN, NJ 08830, UNITED STATES OF AMERICA; (2) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006 OAZA KADOMA, KADOMA-SHI, OSAKA, 571 JAPAN.

Inventors :

1. JIN KIM
2. LINXIN YAO
3. ZORAN BANJANIN
4. HIROSHI FUKUKITA
5. HISASHI HAGIWARA
6. MASAMI KAWABUCHI

Application No. 154/Cal/94; filed on 11-3-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

16 Claims

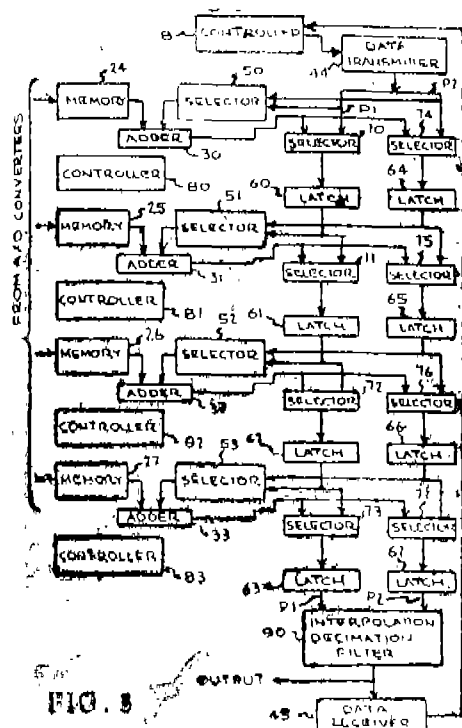
An apparatus for digital receive beamforming comprising —

a plurality of parallel receiving channels means for detecting waves and, in response thereto, producing a respective plurality of digital sample signals comprising digital samples, and having a given sample rate (f_s);

a plurality of partial beamforming means, each one of said partial beamforming means grouping together the digital sample signals of a sub-grouping of said plurality of parallel receiving channels, and processing said digital sample signals at a rate which is effectively a multiple (N) of said given rate (f_s) for developing partial beamformer sample signals;

a plurality of filter means, each one of said filter means filtering the partial beamforming sample signals of a respective one of said partial beamforming means for developing a partial beamformer signal at said given rate (f_s); and

a serial data adding path as herein described for adding together the partial beamformer signals of said given rate developed by each of said filter means, for forming a beamformer signal.

**FIG. 3**

(Compl. Specn. 22 pages;

Drngs. 7 sheets.)

CI : 25

181863

Ind. Cl. : A 46 B 3/00.

PAINT BRUSH WITH REPLACEABLE BRISTLE PACK.

Applicant & Inventors : (1) BLAKE A LEDINGHAM, OF 501—1200 WEST PENDER STREET, VANCOUVER, BRITISH COLUMBIA, CANADA V 6E 2S, (2) TERRY R. DOUGLAS, OF 7677-134 STREET, SURREY, BRITISH COLUMBIA, CANADA V 3W 9E 9

Application No. 319/Cal/94; filed on 29-4-94.

Complete after provisional left on 23-5-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

15 Claims

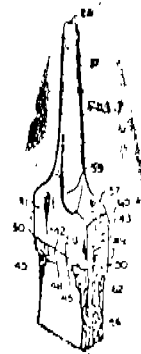
A paint brush with replaceable bristle pack (2) comprising —

a paint brush body and bristle holder (41) and handle (37), the said body having formed in one end thereof opposite the said handle a cavity adapted for receiving a group of bristles, Characterised in that:

(a) at least one releasable member flap (42) secured to one side of the paint brush body, and projecting over the cavity, the said releasable member being capable of acutting the said bristles when moved to a first closed position and being removed from the said bristles when moved to a second open position;

(b) at least one movable securing member rotatable spring (45) for securing the said releasable member in a first position and releasing the said releasable member for movement to a second open position; and

(c) a group of bristles (46) held together and located within the cavity of the holder, and held in place by the said releasable member, said bristle group being removable and secured in place by the said releasable member.



(Prov. Specn. 6 pages;

Drngs. 9 sheets.)

(Compl. Specn. 29 pages;

CI : 90 K

181864

Int. Cl. : C 03 C 17/28

"A METHOD OF PRODUCING A BRITTLE OXIDE SUBSTRATE".

Applicant : ELF ATOCHEM NORTH AMERICA, INC., 2000 MARKET STREET, PHILADELPHIA, PENNSYLVANIA 19103-3222, UNITED STATES OF AMERICA.

Inventors :

- (1) STEPHEN WILLIAM CARSON
- (2) RYAN RICHARD DIRKX
- (3) VICTOR DENNIS PAPANU
- (4) NEAL DOUGLAS CONRAD

Application No. : 473/Cal/94; filed on 20-06-94.

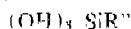
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

11 Claims

A method of producing strengthened brittle oxide substrate comprising the steps of :

(a) coating the brittle oxide substrate with an aqueous solution containing a silane-based composition such as herein

described in the substantial absence of an organic solvent, wherein the silane-based composition upon being hydrolyzed in the aqueous solution has the formula:



with R'' being an organofunctional group such as herein described and

(b) curing the coating to form a transparent layer on the brittle oxide substrate;

Wherein R'' in the silane-based composition is selected so that

(i) the strength of the brittle oxide substrate having the cured coating is substantially improved compared to the strength of the brittle oxide strength prior to the coating step and

(ii) the cured coating does not interfere with the labelability of the brittle oxide substrate.

(Compl. Specn. : 45 Pages)

(Drgn. : Nil)

Cl. : 129 E

181865

Int. Cl. : B21J 1/06

"A METHOD OF FORMING A TAPERED HOLE IN A WORK PIECE OF PLASTIC MATERIAL".

Applicant : MITSUBA CORPORATION OF 2681 HIROSAWACHO 1-CHOME KIRYA-SHI, GUNMA JAPAN.

Inventor : HIROSHI TANIGUCHI.

Application No. : 573/Cal/94; filed on 20-07-1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

06 Claims

A method of forming a tapered hole in a work piece of plastic material, comprising the steps of :

forming a straight hole in said work piece by shearing work, in which the diameter of said straight hole is made smaller than the minimum diameter of said tapered hole;

forming a truncated cone hole in said work piece by punching work to have a rupture surface in a continuous manner so as to be linked to said straight hole, in which the minimum inside diameter of said truncated cone hole is made approximately equal to the inside diameter of said straight hole and the maximum diameter thereof is made approximately equal to that of said tapered hole; and

forming a tapered hole in said work piece by plastic forming by forcing a punch into said truncated cone hole and said straight hole from said truncated cone hole, said punch having an outside shape which is same as the inside shape of said tapered hole.

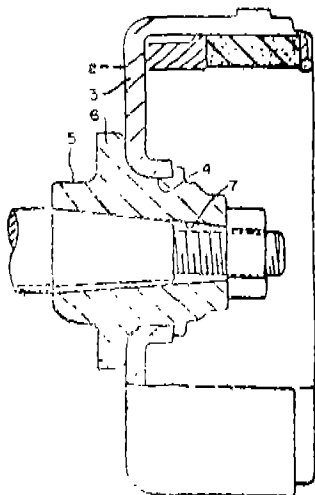


FIG. 2

(Compl. Specn. : 12 pages)

(Drgns. : 02 sheets)

Cl. : 129 G.P.

181866

Int. Cl. : B 23 B 27/14

"CUTTING INSERT FOR METAL CUTTING OPERATION".

Applicant : KRUPP WIDIA GMBH, A GERMAN COMPANY, OF MUNCHENER STR. 90,45145 ESSEN, GERMANY.

Inventors :

(1) DR. WOLFGANG HINTZE

(2) DIETER RUPIETTA

Application No. : 580/Cal/94; filed on 22-07-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

15 Claims

Cutting insert for metal cutting operation, especially for turning, with a corner free rake face (21, 22) that is wave shaped in the direction of the cutting edge (25), characterised in that the enveloping clearance face (24) is developed in wave form, whereby the mutually parallel wave peaks standing perpendicular to the cutting edge (25) are tangent to the plane (27), and passes through the corner points (23) limiting the cutting edge and is perpendicular to the plane passing through all the corner points (23).

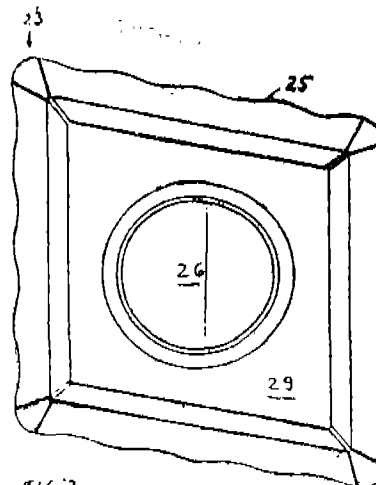


FIG. 2

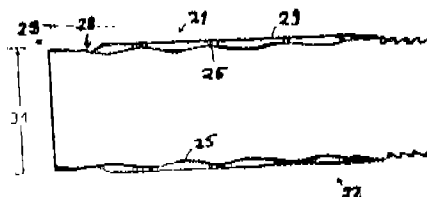


FIG. 3

(Compl. Specn. : 16 Pages)

(Drgns. : 08 Sheets)

Cl. : 206E

181867

Int. Cl. : H 04 L 5/00

"SPREAD-SPECTRUM SATELLITE SYSTEM FOR COMMUNICATING DATA FROM A SATELLITE TO A PLURALITY OF REMOTE UNITS".

Applicant : DONALD L SCHILLING OF HOFFSTOT LANE, SANDS POINT NEW YORK 11050, U.S.A.

Inventor : DONALD L SCHILLING.

Application No. : 610/Cal/94 filed on 29-07-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

9 Claims

A spread-spectrum satellite system for communicating data from a satellite to a plurality of remote units, said spread-spectrum satellite system having said plurality of remote units located in a same geographical region as covered by a mobile-satellite system, with the mobile-satellite system having a mobile bandwidth, and having mobile-satellite units communicating using the mobile bandwidth, said spread-spectrum satellite system comprising :

a satellite, having an antenna beamwidth overlaying the same geographical region as covered by said mobile-satellite system, for communicating data to the plurality of remote units;

system means such as herein described (151) for converting the format of the data into a form suitable for communicating over radio waves;

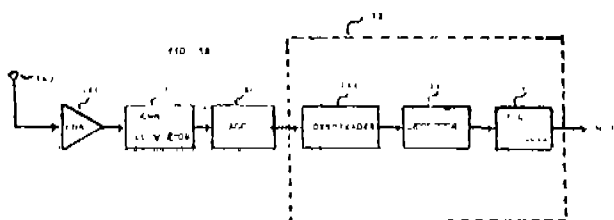
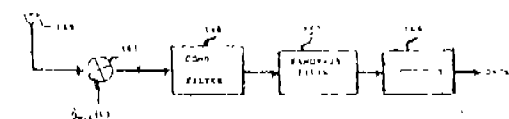
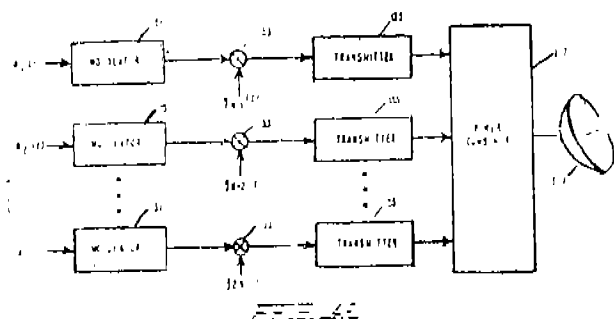
system?product means such as herein described (153) for spread-spectrum processing the data;

system means such as herein described (155, 157) for transmitting across at least part of the mobile bandwidth, the spread-spectrum-processed-converted data from the satellite to a remote unit and

a plurality of remote units located within the same geographical area as covered by said mobile-satellite system, each of said remote units comprising;

a remote antenna; and

remote-detection means such as herein described (165, 185) coupled to said remote antenna for recovering data communicate from said satellite.



(Compl. Specn. : 53 pages;

Drgns. : 13 sheets)

Cl. : 128G

181868

Int. Cl. : A 61M 25/00

PROCESS FOR SEALING CATHETER TIP TO INSERTION NEEDLE

4-277 GI/98

Applicant : CRITIKON, INC. OF 4110 GEORGE ROAD, TAMPA, FLORIDA FLORIDA 33634, U.S.A.

Inventor :

- (1) THOMAS ELISON SLOANE
- (2) ZINOVY ALTMAN.

Application No. 696/Cal/94; filed on 31-08-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

4 Claims

A process for sealing a catheter to an insertion needle comprising :

- (a) positioning a tubular polymer catheter over a concentric insertion needle;
- (b) rotating as herein described said catheter and needle about a longitudinal axis thereof at a predetermined position;
- (c) impinging a laser light at a predetermined angle between 10° and 90° depending upon the beveling condition as herein described upon the catheter and needle subassembly, said laser light being to sufficient power to partially melt said polymer material to form a frustoconical tip to the tubular material with at least a portion of said polymer material adhering said tubular catheter to a surface of said needle, creating a seal between said tubular catheter material and said needle.

(Compl. Specn. 12 Pages;

Drgns. 8 Sheets)

Cl. : 39K

181869

Int. Cl. : C08K 3/36, C01B 33/12

PROCESS FOR THE PRODUCTION OF THE PRECIPITATED SILICAS.

Applicant : DEGUSSA AKTIENGESellschaft, OF FRANKFURT AM MAIN, D-63403 HANAU, GERMANY.

Inventor :

- (1) HEINZ ESCH
- (2) DR. UDO CORL
- (3) ROBERT KUHLMANN
- (4) DR. RALF RAUSH.

Application No. 723/Cal/94 filed on 9-9-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office Calcutta.

1 Claim

Process for the production of the precipitated silica with the following physiochemical parameters :

BET surface area	35 to 350 m ² /g
BET, CTAB surface area ratio	0.8 to 1.1
Pore volume, PV	1.6 to 3.4 ml/g
Silanol group density (V ₂ =	6 to 20 ml
NaOH consumption)	
Average aggregate size	250 to 1500 nm
CTAB surface area	30 to 350 m ² /g
DBP value	150 to 30 ml/100 g
V ₂ /V ₁ by Hg porosimetry	0.19 to 0.46
DBP/CTAB	1.2 to 2.4

characterised in that alkali silicate is reacted with mineral acids as herein described at temperatures of 60 to 95°C while maintaining a pH of 7.5 to 10.5 and continuously stirring, the reaction is continued to a solids concentration in the precipitation suspension of 90 to 120 g/l, the pH value adjusted to a value of less than or equal to 5, the precipitated silica filtered out, washed, dried and optionally ground or granulated.

(Compl. Specn. 25 Pages)

(Drgs. 6 Sheets)

Cl. : 206E

181870

Int. Cl. : H04B 01/18

LOCAL COMMUNICATION SYSTEM.

Applicant : D2B SYSTEMS COMPANY LIMITED, OF BETCHWORTH HOUSE, 57-65 STATION ROAD, REDHILL, SURREY RH1 1DL, GREAT BRITAIN.

Inventor : TELLE HOEKSTRA.

Application No. 1025/Cal/94 filed on 9-12-94.

(Conventional No. 9325300.3, on 10-12-93 in U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

7 Claims

A local communication system comprising a plurality of devices (10, 12, 14) interconnected by one or more data channels (16) for the communication of messages via said data channel or channels, each device including at least one functional sub-device element (20, 22, 24) coupled to the or one of the data channels (16) for the exchange of messages, one of the sub-devices in the system being a user output sub-device (50) including a display for displaying user-readable messages to a user of the system, wherein the content of a user-readable message to be displayed is determined by status information of a device (10, 12, 14) of the system, with the sub-device element (20, 22, 24) of that device including data forming means arranged to compose the status information into a user-readable message and to transmit the composed user-readable message via said channel or channels (16) to the user output sub-device (50) for display; characterised in that each user-readable message received by the used output sub-device (50) has an associated display lifetime and the user-output sub-device (50) providing a timer which, independently of the message originating sub-device, counts out the message lifetime, with the user output sub-device (50) further providing means to remove the message from display on expiration of the counted out message lifetime.

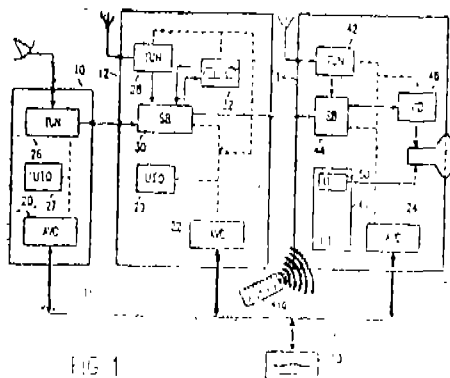


FIG 1

(Compl. Specn. 16 Pages)

(Drgs. 3 Sheets)

Ind. Cl. : 128-G

,181871

Int. Cl. : A 01 N 1/02

A TRANSPORT ASSEMBLY FOR TRANSPORTING MEDICAL MATERIAL SUCH AS ORGANS AND TISSUES.

Applicant : ELECTROLUX S.A.R.L., OF 4, RUE DE LA

FRONTIERS, 19412, VIADEN-LUXEMBOURG, A COMPANY OF LUXEMBOURG

Inventors :

- (1) BACCHI BERNARD
- (2) MARCHOT PATRICK
- (3) MAURIAT PHILIPPE
- (4) TOUATI GILIES
- (5) POURARD PHILIPPE
- (6) MAGNARD ALAIN
- (7) THOMAS PHILIPPE
- (8) THEPAUT DANIEL
- (9) MULLER FERNAND.

Application No. 577/Mas/95 dated May 16, 1995.

Divisional to Patent Application No. 725/Mas/91; Antedated to September 24, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

10 Claims

A transport assembly for transporting medical material such as organs and tissues comprising reservoir bag; a tissue container; a collector bag; a first tubing connected to said reservoir bag and said said tissue container; a second tubing connected to said tissue container and said collector bag; and a support holder within which said reservoir bag, tissue container and collector bag are disposed, and wherein at least said reservoir bag is suspended from said support holder.

(Compl. Specn. 20 Pages)

(Drgs. 4 Sheets)

Ind. Cl. : 32 F

181872

Int. Cl. : C07D 157/00.

A PROCESS FOR THE SYNTHESIS OF NOVEL TRANS N-(2-HYDROXY-1, 2, 3, 4-TETRAHYDRO-1-NAPHTHYL)-N'-BENZONYLTHIOUREA.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RATI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860).

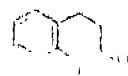
Inventors :

1. UPENDRA KUMAR SHUKLA
2. ANIL KUMAR SAXENA
3. HEMANT KUMAR SINGH
4. BHOLA NATH DHAWAN
5. NITYA ANAND.

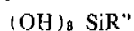
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

3 Claims

1. A process for the synthesis of novel trans N-(2-hydroxy-1, 2, 3, 4-tetrahydro-1-naphthyl)-N'-benzoylthiourea of the formula 2



described in the substantial absence of an organic solvent, wherein the silane-based composition upon being hydrolyzed in the aqueous solution has the formula:



with R'' being an organofunctional group such as herein described and

(b) curing the coating to form a transparent layer on the brittle oxide substrate;

Wherein R'' in the silane-based composition is selected so that

(i) the strength of the brittle oxide substrate having the cured coating is substantially improved compared to the strength of the brittle oxide strength prior to the coating step and

(ii) the cured coating does not interfere with the labelability of the brittle oxide substrate.

(Compl. Specn. : 45 Pages

Drgn. : Nil)

Cl. : 129 E

181865

Int. Cl. : B 21 J 1/06

"A METHOD OF FORMING A TAPERED HOLE IN A WORK PIECE PLASTIC MATERIAL".

Applicant : MITSUBA CORPORATION OF 2681 HIROSAWACHO 1-CHOME KIRYA-SHI, GUNMA JAPAN.

Inventor : HIROSHI TANIGUCHI.

Application No. : 573/Cal/94; filed on 20-07-1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

06 Claims

A method of forming a tapered hole in a work piece of plastic material, comprising the steps of :

forming a straight hole in said work piece by shearing work, in which the diameter of said straight hole is made smaller than the minimum diameter of said tapered hole;

forming a truncated cone hole in said work piece by punching work to have a rupture surface in a continuous manner so as to be linked to said straight hole, in which the minimum inside diameter of said truncated cone hole is made approximately equal to the inside diameter of said straight hole and the maximum diameter thereof is made approximately equal to that of said tapered hole; and

forming a tapered hole in said work piece by plastic forming by forcing a punch into said truncated cone hole and said straight hole from said truncated cone hole, said punch having an outside shape which is same as the inside shape of said tapered hole.

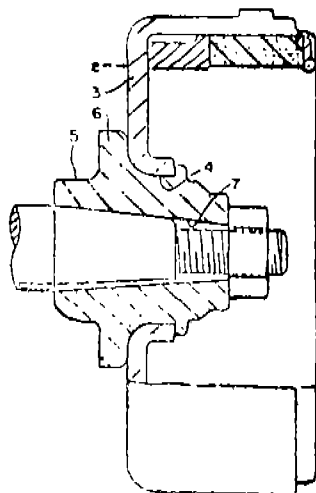


FIG. 2

(Compl. Specn. : 12 pages;

Drgns. : 02 sheets)

Cl. : 129 G.P.

181866

Int. Cl. : B 23 B 27/14

"CUTTING INSERT FOR METAL CUTTING OPERATION".

Applicant : KRUPP WIDIA GMBH, A GERMAN COMPANY, OF MUNCHENER STR. 90,45145 ESSEN, GERMANY.

Inventors :

(1) DR. WOLFGANG HINTZE

(2) DIETER RUPETTA

Application No. : 580/Cal/94; filed on 22-07-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

15 Claims

Cutting insert for metal cutting operation, especially for turning, with a corner free rake face (21, 22) that is wave shaped in the direction of the cutting edge (25), characterised in that the enveloping clearance face (24) is developed in wave form, whereby the mutually parallel wave peaks standing perpendicular to the cutting edge (25) are tangent to the plane (27), and passes through the corner points (23) limiting the cutting edge and is perpendicular to the plane passing through all the corner points (23).

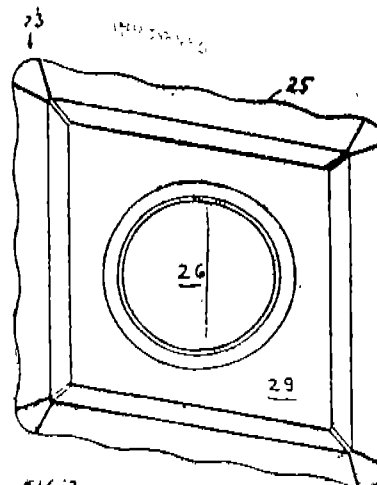


FIG. 2

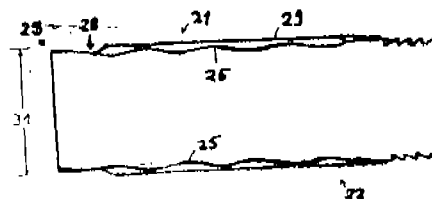


FIG. 3

(Compl. Specn. : 16 Pages;

Drgns. : 08 Sheets)

Cl. : 206E

181867

Int. Cl. : H 04 L 5/00

"SPREAD-SPECTRUM SATELLITE SYSTEM FOR COMMUNICATING DATA FROM A SATELLITE TO A PLURALITY OF REMOTE UNITS".

Applicant : DONALD L SCHILLING OF HOFFSTOT LANE, SANDS POINT NEW YORK 11050, U.S.A.

Inventor : DONALD L SCHILLING.

Application No. : 610/Cal/94 filed on 29-07-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

3 Claims

A process for preparing a synergistic herbal composition (Men-chik) for treating indigestion, vomiting, lethargy and vertigo comprising :

- cleaning the followings the plant materials individually or collectively :
Punica grantum Linn (Anardhana), Cinnamomum zeylanicum (Dalchini), Plattaria cardomomum (Choti illaichi), Piper longum (Pipli), Carthamus tinctorus Linn (Phoolkusum)
- weighing each of the said plant material in the following proportion :
Punica grantum Linn (Anardhana)—281—291 mg
Cinnamomum zeylanicum (Dalchini)—13—23 mg
Elattaria cardomomum (Choti illaichi)—13—23 mg
Piper longum (Pipli)—31—41 mg
Carthamus tinctorus Linn (Phoolkusum)—141—151 mg.
- grinding and pulverizing the said plant material individually or collectively to make fine powder and mixing said powdered ingredients homogeneously,
- packing the said powder or blending said powder with water to form pills.

(Prov. Specn. 5 pages;
(Compl. Specn. 6 pages;

Drng. 0 sheet.)
Drng. 0 sheet.)

Ind. Cl. : 55 E 4
Int. Cl. : A61K 35/00.

181876

A PROCESS FOR PREPARING A SYNERGISTIC HERBAL COMPOSITION (MEN-NEE).

Applicant : DIRECTOR, TIBETAN MEDICAL & ASTRO INSTITUTE, GANGCHEN KYISHONG, DHARAMSALA-176215 (HIMACHAL PRADESH), INDIA.

Inventor : DR. TENZIN CHADRAK AND DR. CHOBY-ING PHUNTOK.

Application for Patent No. 1135/Del/95 filed on 19-6-95.

Complete specification filed on 12-6-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A process for preparing a synergistic herbal composition (Men-nee) for treating abdominal cramps, vomiting and for promoting appetite comprising

- cleaning the following plant materials individually or collectively:
- Saussurea lappa Clarke (kuth karvi), Emblica officinalis Gaertn (Amla), Punica grantum Linn (Anardhana), Adhatoda Vasica Nees (Vasaka), Ellattaria Curamomum (Choti illaichi), Piper longum (Maga, Pipli)
- weighing the said plant material in the following proportion :
Saussurea lappa Clarke (kuth karvi)—107—117 mg
Emblica officinalis Gaertn (Amla)—107—117 mg
Punica grantum Linn (Anardhana)—135—145 mg
Adhatoda Vasica Nees (Vasaka)—79—89 mg
Ellattaria Curamomum (Choti illaichi)—17—27 mg
Piper longum (Maga, Pipli)—23—33 mg.
- grinding and pulverizing the said ingredients individually or collectively to make fine powder and mixing said powdered ingredients homogeneously,
- packing the said powder or blending said powder with water to form pills of predetermined doses.

(Prov. Specn. 7 pages;
(Compl. Specn. 9 pages;

Drng. 0 sheet.)
Drng. 0 sheet.)

Ind. Cl. : 55 E 4 [XIX(1)]

181877

Int. Cl. : A 61 K 35/78.

A PROCESS OF PREPARING AN ORAL AYURVEDIC COMPOSITION OR TREATMENT OF PSORIASIS.

Applicants & Inventors : MAHENDRA KUMAR JHUN-JHUNWALA BHAGWAT NIWAS, FLAT NO. 7C, PEDDAR ROAD, MUMBAI-400 026, MAHARASHTRA, INDIA.

Application No. 564/Bom/96 filed on 22-11-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

3 Claims

A process of preparing oral herbal ayurvedic composition comprising :

- cleaning, washing and drying the following herbs :
Matricaria Chamomilla, Piper Nigrum (only seeds)
- grinding the said ingredients individually or collectively to 300—500 mesh in the following proportions :
Matricaria Chamomilla 88%—92%
(Whole plant-roots, stem, leaves & flowers).
Piper Nigrum (only seeds) 8%—12%
- mixing the said ingredients and encapsulating.

(Compl. Specn. : 6 Pages;

Drwg. : Nil)

Ind. Cl. : 32 F2 (b) Gr. [IX(1)]
55 E1 Gr. [XIX(1)]

181878

Int. Cl. : C 07 D - 498/10.

A PROCESS FOR THE MANUFACTURE OF RIFAMYCIN - DERIVATIVES.

Applicants : LUPIN LABORATORIES LIMITED, AN INDIAN COMPANY OF 159 C.S.T. ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400 098, MAHARASHTRA, INDIA.

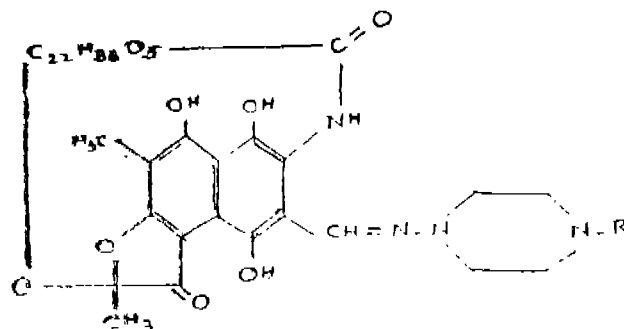
- Inventors : 1. DEBASHISH DATTA
2. NIKHIL BHATT
3. SANJEEV KATARIA
4. PRAKASH AHIRE
5. DHIREN MISTRY.

Patent Application No. : 611/Bom/96 filed on 27-12-1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-13.

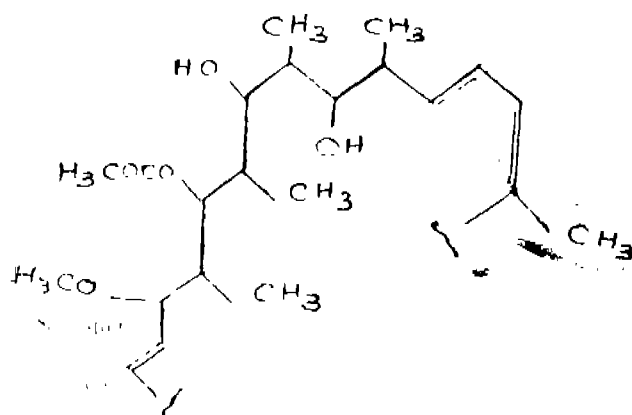
12 Claims

A process for the manufacture of rifamycin derivatives of formula I



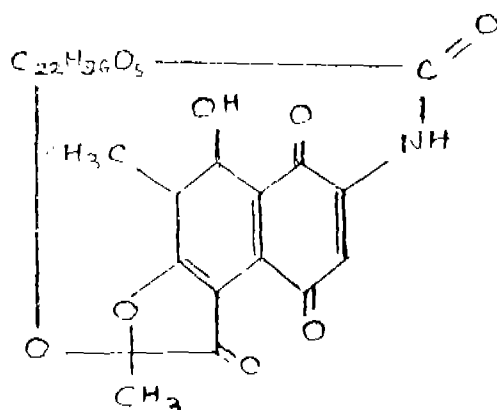
I

wherein R = methyl or cyclopentyl; and the group $C_{22}H_{36}O_5$ having the structure

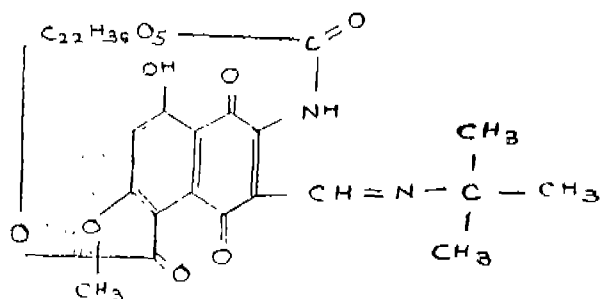


comprising :

reacting rifamycin S of formula II

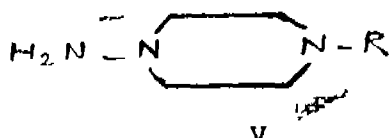


with tert butyl azomethine in the presence of manganese dioxide in an organic solvent such as herein described to obtain the corresponding Mannich base of formula (IV)



IV

reducing said Mannich base of formula (IV) thus obtained with a reducing agent such as sodium dithionite in an acidic medium at a pH of 0.5 to 5 at a temperature ranging from 0°C to 30°C to thereby provide the corresponding hydroquinone Mannich base which is coupled in situ with one mole equivalent of 1-amino-4 substituted piperazine of formula (V)



V

herein R is methyl or cyclopentyl.

(Comp. Specn. : 20 pages;

Drgs. : Nil)

Ind. Cl. : 32-F2(b) & 55 E4

181879

Int. Cl. : C 12 P 35/06

PROCESS OF PRODUCING CEPHAMYCIN C BY SUBMERGED BATCH FERMENTATION.

Applicant : OSMANIA UNIVERSITY, HYDERABAD-500 007, ANDHRA PRADESH, AN INDIAN UNIVERSITY AND DEPARTMENT OF BIOTECHNOLOGY, MINISTRY OF SCIENCE & TECHNOLOGY, C.C.O. COMPLEX, LODHI ROAD, NEW DELHI, GOVERNMENT OF INDIA, ORGANISATION.

Inventors :

- (1) Dr. PADMA SRIDHAR
- (2) Dr. INDRAGANTI SARADA
- (3) GINKA SAILAJA RANI

Application No. : 1557/Mas/96 dated September 6, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A process of producing cephamycin C by submerged batch fermentation comprising :

- isolating nitrogen deregulated (ammonium derepressed) Recombinant of *STREPTOMYCES CLAVULIGERUS* from the original *STREPTOMYCES CLAVULIGERUS* strain NRRL 3585 by :

subjecting the said original strain to known mutagenesis method(s),

selecting nitrogen catabolic de-repression (ammonium insensitive mutants by known method and recombining them with high sporulating fast growing mutants by protoplast fusion technique.

selecting the recombinant of *Streptomyces Clavuligerus* designated at MPSBT 257) which showed high production of cephamycin C.

growing the said selected recombinant streptomyces clavuligerus designated as MPSBT257 in sterilised seed medium as herein described,

introducing the said grown recombinant (inoculum) into production medium having pH in the range 6.0—7.0 as herein described for fermentation for 24—120 hrs, at temperatures from 27°—35°C with a 100% aeration and at 200—220 rpm, and adding Tapioca starch and/or GNC/SFC/CSC in pre-determined quantity, after 24 hrs, fermentation cephamycin C is secreted, isolating cephamycin C from the medium in a known manner.

Nos. 1555/Mas/96 & 1556/Mas/96.

(Com.-11 pages).

Ind. Cl. : 83 A 1

181880

Int. Cl. : A 23 G 1/00.

A METHOD OF PREPARING A CONFECTIONERY PRODUCT.

Applicant : SOCIETE DES PRODUITS NESTLE S.A. A SWISS BODY CORPORATE OF VEVEY, SWITZERLAND.

Inventors : 1. MARK JURY, A CITIZEN OF GREAT BRITAIN.

Application No. : 2046/Mas/96 filed on 18th November, 1996.

(Convention date 20th Nov., 1995; No. 9523669.1: Great Britain).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Chennai Branch.

4 Claims

A method of preparing a confectionery product comprising chocolate or a fat-containing confectionery material together with a chewy sweet component, the said method comprises extruding a mixture of the chocolate or fat-containing confectionery material together with 5 to 75% by weight of the chewy sweet component based on the total weight of the confectionery product at a temperature from -5°C to 34°C at which both ingredients are in a solid or semi-solid non-pourable or non-flowable form throughout the extrusion process from being fed into the extruder to emerging from the die.

Ref. : E. P.-A-0603467; GB-A-9504686.8.

AGENT : DE PENNING & DE PENNING.

(Com. 11 pages;

• Drgns. —sheet).

OPPOSITION PROCEEDINGS

The opposition entered by M/s. Godrej Soaps Limited, Mumbai to the grant of a patent on Application No. 9/ Mas/94 (176670), made by M/s. T. Stanes & Company Limited as notified in the Gazette of India Part III, Section 2 dated 29th March, 1997 has been dismissed and it is ordered that the patent shall be sealed on application for Patent No. 176670 in the prescribed manner.

PATENT SEALED ON 11-09-1998

179438 179851 179852*D 179853*D 179854*D 179855*D
179856*D 179857 179858 179859* 179860 179861 179862*
179863* 179864 179865 179866 179868* 179869* 179871
179873 179876* 179880

CAL—01, DEL—Nil, MUM—Nil, CHEN—22

*Patent shall be deemed to be endorsed with words LICENCE OR RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents

F—Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 3. Nos. 174922 to 174926. Duracell Batteries Ltd., of Mallory House, Hazelwick Avenue, Three Bridges Crawley, West Sussex RH10 1FQ, U. K. "Battery Packaging". May 1, 1997 Priority Date.

Class 3. No. 176641. Chinara Trust through Neelkant Ratnakar Dongre and Deepak Shriram both Indian Trustees, C-37, Connaught Place, New Delhi, Indian Trust. "Juicer Mixer Grinder". June 12, 1998.

Class 5. No. 174708. Prem Jairamdas Ramrakhyani alias Prem J. R., Indian trading as Deep Agencies, Proprietary Firm of G-17, Uma Towers, Near Sindhi Community Hall P. G. Road, Secunderabad-500003, A. P., India. "Box". September 10, 1997.

Copyright extended for the 2nd period of five years.

Nos. 168533, 168820, 173969, 168812, 164604, 164770 & 165123 Class 1.

Nos. 165527, 168263, 168963, 168870, 172533, 173228, 174348, 172357, 173229, 172356, 168755, 168105, 168104, 168035 & 174112. Class 3.

H. D. THAKUR

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एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1998

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